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1892
SPECIMENS

DIPTEROUS INSECTS

THE COLLECTION

BRITISH MUSEUM.

FRANCIS WALKER, F.R.S., &c.

PART XXIV.

CLAMPETS & TORTROTES.

PRINTED BY ORDER OF THE TRUSTEES

LONDON, 1892.

LIST

SPECIMENS

EPIDOPTEROUS INSECTS

THE BRITISH

BRITISH MUSEUM

PART II

LEPIDOPTERA

PRINTED BY ORDER OF THE TRUSTEES

LONDON 1845

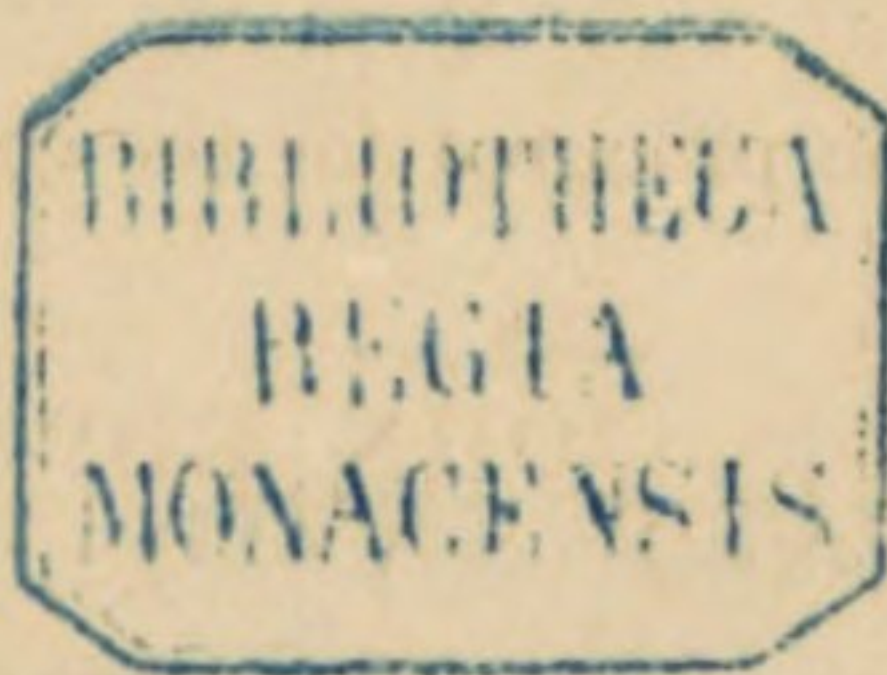
LIST
OF THE
SPECIMENS
OF
LEPIDOPTEROUS INSECTS
IN
THE COLLECTION
OF THE
BRITISH MUSEUM.

BY
FRANCIS WALKER, F.L.S., &c.

PART XXVII.
CRAMBITES & TORTRICITES.

PRINTED BY ORDER OF THE TRUSTEES.
LONDON, 1863.

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P R E F A C E .

THE object of the present Catalogue is to give a complete list of all the genera and species of Crambites and Tortricites known to exist in the different collections. The letters *a, b, c, &c.*, after the species, denote the specimens now contained in the British Museum, followed by the *habitat* and the mode in which each of them was obtained, and the absence of these *letters* indicates the species which are desiderata, and therefore desirable to be procured for the collection.

JOHN EDWARD GRAY.

British Museum,

March 2, 1863.

CATALOGUE
OF
LEPIDOPTERA HETEROCERA.

SIXTH SERIES.

CRAMBITES.

Crambites, *Sta.*

Fam. 1. GALLERIDÆ.

Galleridæ, *Sta.*

Note.—Some of the exotic genera that are here included in this and in the following families hardly agree with the characters which will combine the European genera in their respective families. The classification of these tribes has been founded on European species, and will probably soon be much altered by the formation of new families of exotic genera.

Genus 1. GALLERIA.

Galleria, *Latr.*

1. GALLERIA MELLONELLA.

mellonella, *L.*—cereana, *L.*—cerella, *F.*—cerealıs, *Hb.*

a—g. England. From Mr. Stephens' collection.

h—l. England.

Genus 2. APHOMIA.

Aphomia, *Hb.*—Lithosia, *F.*—Crambus, *F.*—Galleria, *Latr.*—
Ilythyria, *Latr.*—Herminia, *Sam.*—Melia, *St.*

1. APHOMIA SOCIELLA.

sociella, *L.*—colonella, *L.*—socia, *F.*—coloneum, *F.*—tribunella,
W. V.—sociana, *Hw.*—colonina, *Hw.*—colonatus, *Hw.*—
 socialis, *Hw.*—colonalis, *Hb.*

a—h. England. From Mr. Stephens' collection.

i—n. England.

o, p. Europe. From M. Becker's collection.

Genus 3. MELISSOBLAPTES.

Melissoblaptēs, *Zl.*—Melia, *St.*

Europe and the neighbouring regions.

1. MELISSOBLAPTES BIPUNCTANUS.

bipunctanus, *Ct.*—anellus, *Zk.*

2. MELISSOBLAPTES ANELLUS.

anellus, *W. V.*—sociella, *Hb.*

a—g. England. From Mr. Bouchard's collection.

3. MELISSOBLAPTES FÆDELLUS.

fædellus, *Zl.*

Genus 4. ACHROEA.

Achroea, *Zl.*—Meliphora, *Gn.*

1. ACHROEA GRISELLA.

grisella, *F.*—alvearia, *F.*—cinereola, *Hb.*—cerea, *Hw.*—alveariella,
Gn.

a—i. England. From Mr. Stephens' collection.

j, k. England.

Genus 5. MASCHANE.

Mas.—Corpus crassum, dense vestitum. Proboscis conspicua. Palpi oblique ascendentes, caput non superantes; articulus 3us acutus, minimus. Antennæ setulosæ, longiusculæ. Abdomen alas posticas paullo superans; fasciculus apicalis, parvus, quadratus.

Pedes breves, robusti. Alæ anticæ elongatæ, acutæ, costa convexa, margine exteriori longissimo subangulato.

Male.—Body very stout, thickly clothed. Proboscis distinct. Palpi obliquely ascending, applied to the head, not rising so high as the vertex; third joint conical, acute, very minute. Antennæ setulose, rather long. Abdomen extending a little beyond the hind wings; apical tuft small, quadrate. Legs smooth, short, stout; hind tibiæ with four spurs; one spur in each pair short, the other long. Fore wings elongate, acute, extending much beyond the hind wings; costa convex; exterior border very long, forming a rounded angle at one-third of the length, extremely oblique hindward; fringe very long towards the interior angle; interior border very short.

1. MASCHANE ERRATIPENNIS.

Mas. *Purpurascente-ferruginea, subtus ochracea; antennæ albæ subtus albæ; thorax antice et abdomen ochracea; alæ anticæ vitta antica lata pallidissime ochracea, lineis duabus cinereis nigro marginatis, 1a angulata, 2a subarcuata perobliqua, punctis duobus discalibus et quinque marginalibus albis; posticæ pallide cinereæ marginibus obscurioribus.*

Male. Reddish brown, with a purplish tinge, ochraceous beneath. Antennæ white beneath at the base. Thorax in front and abdomen ochraceous. Fore wings with a broad very pale ochraceous stripe on the fore part of the disk; two cinereous transverse black-bordered lines; first line forming a very acute and prominent outward angle, accompanied in front by two white points; second line very oblique, slightly curved inward; fore part of the exterior border with five whitish points which diminish in size hindward; hind part with the fringe white in front; discal point black, very small. Hind wings pale cinereous, except towards the borders. Length of the body 7 lines; of the wings 18 lines.

a. Para. From Mr. Bates' collection.

2. MASCHANE SIMPLEX.

Mas. *Ferrugineo-rufa, subtus pallide rufescens; palpi ascendentes, breves; antennæ subsetosæ, subpubescentes; abdomen ochraceum, basi cristatum, alas posticas longe superans; alæ anticæ linea recta obliqua chalybæa, plaga antica pallide purpurascente, marginis interioris angulo fimbriato bene determinato; posticæ pallide rufescentes.*

Male. Ferruginous-red, pale reddish beneath. Palpi ascending, applied to the head, not rising near so high as the vertex. Antennæ minutely setose and pubescent. Abdomen ochraceous, tapering, crested at the base, extending much beyond the hind wings; apical tuft very small. Fore wings with a straight chalybeous dark-bordered line, which extends from the tips towards the inner part of the interior border; a diffuse pale purplish patch along the outer fore part of this line; exterior border very oblique hindward; angle of the interior border distinct, furnished with a fringe. Hind wings pale reddish. Length of the body 6 lines; of the wings 14 lines.

a. Nanta, Amazon Region. From Mr. Bates' collection.

Genus 6. EGONE.

Fœm. Corpus robustum, læve. Proboscis conspicua. Palpi porrecti, longiusculi, lati, fimbriati, articulo 3o conico minimo. Antennæ subsetulosæ. Abdomen alas posticas non superans. Pedes validi, squamosi; tibiæ posticæ quadricalcaratæ. Alæ anticæ elongatæ, apice subquadratæ, costa subconvexa.

Female. Body stout, smooth. Proboscis distinct. Palpi porrect, broad, fringed, about as long as the breadth of the head; third joint conical, very minute. Antennæ very minutely setulose. Abdomen not extending beyond the hind wings. Legs stout, squamous; hind tibiæ with four moderately long spurs. Wings elongate, moderately broad. Fore wings subquadrate at the tips; costa slightly convex; exterior border hardly convex, slightly oblique.

1. EGONE BIPUNCTALIS.

Fœm. *Ferrugineo-fusca, nitens; alæ anticæ punctis duobus discalibus albis nigro marginatis; posticæ albido-cinereæ.*

Female. Ferruginous-brown, shining, brownish cinereous beneath. Abdomen whitish cinereous. Fore wings with two white black-bordered discal points, one interior, the other exterior. Hind wings whitish cinereous. Length of the body 6 lines; of the wings 16 lines.

a. Sydney. From Mr. Lambert's collection.

Genus 7. DAULIA.

Fœm. Corpus crassum, dense vestitum. Proboscis obsoleta. Palpi porrecti, pilosi, angulati, capitis latitudine non longiores;

articulus 3us 2o brevior. Antennæ brevisculæ, sat graciles. Abdomen alas posticas paullo superans. Pedes breves, robusti, dense pilosi. Alæ elongatæ, spissæ; anticæ acutæ, costa subconvexa.

Female. Body very stout, densely clothed. Proboscis obsolete. Palpi porrect, angular, as long as the breadth of the head, clothed to the tips with long hairs; third joint shorter than the second. Antennæ smooth, rather short and slender. Abdomen extending a little beyond the hind wings. Legs short, stout, densely clothed; hind tibiæ with four stout spurs, one in each pair much longer than the other. Wings elongate, dense, not broad. Fore wings acute; costa and exterior border slightly convex, the latter very oblique.

1. DAULIA INDECORA.

Fœm. Cinereo-fusca; alæ lituris nullis; anticæ aspere squamosæ; posticæ fimbria cinerea.

Female. Grayish brown, without markings, a little paler beneath. Fore wings with minute rough scales. Hind wings with a cinereous fringe. Length of the body 6 lines; of the wings 18 lines.

a. St. Domingo. From Mr. Tweedie's collection.

Genus 8. TORONE.

Fœm. Corpus robustum. Fasciculus frontalis productus. Proboscis conspicua. Palpi porrecti, disjuncti, subrostriformes, capitis latitudine non longiores; articulus 3us 2o brevior. Abdomen alas posticas non superans. Pedes robusti; tibiæ posticæ calcaratæ, basi apiceque cornu armatæ. Alæ anticæ amplæ, elongatæ, subfalcatæ, costa subconvexa, margine exteriori subangulato postice concavo.

Female. Body stout. Head with a prominent frontal tuft. Proboscis distinct. Palpi porrect, nearly rostriform but not connected, as long as the breadth of the head; third joint rounded at the tip, much shorter than the second. Antennæ smooth. Abdomen not extending beyond the hind wings. Legs stout, not long; hind tibiæ without spurs, but with a stout apical appendage which is as long as the tarsus; another and a still longer appendage extends from the base of each hind tibia. Wings ample, elongated. Fore wings quadrate and subfalcate at the tips; costa slightly convex; exterior border forming a round angle, not oblique in front, oblique and excavated hindward.

1. TORONE HYBLÆOIDES.

Fœm. *Rufescente-fusca; corpus cyaneo-nigrum, subtus rufum; caput subtus album; alæ anticæ nigro punctatæ, purpurascente suffusæ, basi schistacæ, lineis duabus nigris, 1a angulata, 2a nebulosa antice interrupta apud costam dilatata strigis duabus exterioribus nigris, costa subtus rufa, fascia subtus lutea; posticæ plaga rufa, subtus rufæ nigro punctatæ.*

Female. Dark reddish brown. Body bluish black, red beneath. Head and fore part of the thorax brown, white beneath. Fore wings with a purplish tinge, dark slate-colour towards the base; many black points, which are mostly on the veins; interior and exterior lines black, rather diffuse; interior line forming an outward angle; exterior line clouded, interrupted in front, forming a triangular patch on the costa; two more exterior black streaks, one extending from the costa to the fore part of the exterior border, the other extending along the hind part of the exterior border; under side red along the costa, with a broad regular exterior bright pale luteous band. Hind wings with a large bright red patch; under side bright red, brown along the border, with black dotted veins. Length of the body 8—9 lines; of the wings 20—22 lines.

a—c. Ega. From Mr. Bates' collection.

Var. Body and fore wings fawn-colour, excepting the luteous band beneath.

d. Villa Nova. From Mr. Bates' collection.

Genus 9. PROPACHYS.

Mas. Corpus robustum. Proboscis valida. Palpi porrecti, crassi, clavati, squamosi, capitis latitudine longiores, articulis arcte conjunctis. Antennæ validæ, subsetulosæ, subpubescentes. Pedes robusti; pedes antici incrassati; tibiæ dense fimbriatæ. Alæ elongatæ; anticæ apice subrotundatæ.

Male. Body stout. Proboscis robust. Palpi porrect, massive, clavate, smooth, squamous, longer than the breadth of the head; joints closely compacted together. Antennæ stout, very minutely setulose and pubescent. Abdomen extending very little beyond the hind wings. Legs very stout; hind tibiæ with four long spurs; fore legs incrassated, squamous; tibiæ densely fringed. Wings elongate. Fore wings slightly rounded at the tips; costa

very slightly convex; exterior border slightly convex, moderately oblique.

1. PROPACHYS NIGRIVENA.

Mas. *Læte rosea; caput ochraceum; palpi, abdomen subtus et pedes cyaneo-nigra; alæ anticæ venis nigris.*

Male. Bright rose-colour. Head ochraceous. Palpi, abdomen beneath and legs metallic bluish black. Fore wings with black veins. Length of the body 7—9 lines; of the wings 18—20 lines.

a—e. North China. From Mr. Fortune's collection.

f. Silhet. From Mr. Stainforth's collection.

g. North Hindostan. From the Entomological Society.

h. ——— ? Presented by E. Doubleday, Esq.

Genus 10. DERCHIS.

Fœm. Corpus crassum. Caput pilosissimum. Proboscis obsoleta. Palpi quatuor subæquales, porrecti, lanceolati, pilosi, capitis latitudine longiores; articulus 3us 2o brevior. Antennæ graciles. Thorax squamosus. Abdomen alas posticas non superans. Pedes læves, sat robusti; tibiæ posticæ calcaribus quatuor longissimis. Alæ anticæ latæ, apice subrotundatæ, costa subconvexa, margine exteriori subobliquo; marginis interioris fimbria longissima.

Female. Body thick. Head very pilose. Proboscis obsolete. Maxillary and labial palpi porrect, lanceolate, pilose, longer than the breadth of the head, almost alike; third joint shorter than the second. Antennæ slender. Thorax squamous. Abdomen not extending beyond the hind wings. Legs stout, rather long, pilose, squamous; hind tibiæ with four very long spurs. Wings elongate, stout, moderately broad. Fore wings rounded at the tips; costa and exterior border slightly convex, the latter slightly oblique. Hind wings with a very long fringe on the interior border.

1. DERCHIS HORRIDALIS.

Fœm. *Fusca; alæ anticæ nigricante conspersæ, macula discali fusca, striga postica e squamis nigris; posticæ subobscuriores.*

Female. Brown, cinereous-brown beneath. Fore wings minutely blackish-speckled; discal spot brown; a streak of black scales towards the base of the interior border. Hind wings a little

darker than the fore wings. Length of the body 7 lines; of the wings 20 lines.

a. Ega. From Mr. Bates' collection.

Genus 11. LAMACHA.

Fœm. Corpus crassum. Fasciculus frontalis productus. Proboscis robusta. Palpi labiales porrecti, squamoso-hirsuti, subdecumbentes, capitis latitudine fere duplo longiores; articulus 3us lanceolatus, 2i dimidio longior. Palpi maxillares brevissimi. Antennæ graciles. Abdomen alas posticas non superans. Alæ anticæ latæ, acutæ, costa convexa, margine exteriori subconvexo subobliquo.

Female. Body thick. Frontal tuft prominent. Proboscis robust. Palpi porrect, slightly curved downward, squamous-hirsute, parallel to each other, not contiguous, nearly twice longer than the breadth of the head; third joint lanceolate, much more than half the length of the second. Maxillary palpi very short. Antennæ slender. Abdomen not extending beyond the hind wings. Fore wings broad, acute; costa convex; exterior border slightly convex and oblique.

1. LAMACHA BILINEOLATA.

Fœm. *Pallide cinereo-viridis, subtus rufescente-cinerea; caput rufescens; alæ anticæ lineis duabus pallide cinereis, 1a subrecta, 2a undulata.*

Female. Pale cinereous-green, reddish cinereous beneath. Head and palpi reddish. Fore wings with two pale cinereous transverse lines, which are rather remote from each other; first line almost straight, slightly oblique; second undulating. Length of the body $6\frac{1}{2}$ lines; of the wings 18 lines.

a. North China. From Mr. Fortune's collection.

Genus 12. DIBOMA.

Fœm. Corpus sat robustum. Proboscis obsoleta. Palpi porrecti, compressi, fimbriati, obtusi, thorace paullo longiores; articulus 3us 2o valde brevior. Abdomen alas posticas non superans. Pedes læves; tibiæ posticæ quadricaratae. Alæ anticæ latæ, apice rectangulatae, costa subconvexa, margine exteriori vix obliquo.

Female. Body rather stout. Proboscis obsolete. Palpi porrect, compressed, obtuse, fringed, a little longer than the thorax; third joint much shorter than the second. Abdomen not extending beyond the hind wings. Legs smooth; hind tibiæ with four long spurs. Wings rather broad, not long. Fore wings rectangular at the tips; costa and exterior border slightly convex, the latter hardly oblique.

1. DIBOMA ABSCISSALIS.

Fœm. Cervina; palpi rufescentes; thoracis latera antica sub-rosea; alæ anticæ fascia informi lineisque duabus angulosis e atomis roseis, puncto basali nigricante, annulis duobus discalibus punctisque marginalibus roseis.

Female. Fawn-colour. Palpi reddish. Thorax with a rosy tinge on each side in front. Fore wings irregularly rosy-speckled; the speckles mostly forming an irregular band and two zigzag lines; two minute discal ringlets and marginal points rosy; a blackish basal point. Hind wings beneath with rosy speckles in front, and with two zigzag lines and marginal points of the same hue. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 13. ACRIPIA.

Mas. Corpus sat robustum. Proboscis mediocris. Palpi validi, squamosi, suberecti, verticem paullo superantes; articulus 3us longi-conicus, 2i dimidio brevior. Abdomen attenuatum, alas posticas perpaullo superans, fasciculus apicalis minimus. Alæ latæ; anticæ subacutæ, costa basi subconvexa, margine exteriori undulato; posticæ truncatæ, margine exteriori subundulato.

Male. Body rather stout. Proboscis moderately long. Palpi stout, squamous, nearly erect, rising a little higher than the vertex; third joint elongate-conical, less than half the length of the second. Abdomen tapering, extending very little beyond the hind wings; apical tuft very small. Wings broad, not long. Fore wings slightly acute; costa slightly convex towards the base; exterior border undulating. Hind wings somewhat truncated at the tips; exterior border very slightly undulating.

1. ACRIPIA SUBOLIVACEA.

Mas. Pallidissime cinereo-cervina; alæ anticæ olivaceo sub-tinctæ, nigro subconspersæ, plaga costali subapicali fusca magna diffusa; posticæ fusco subconspersæ.

Male. Very pale cinereous fawn-colour. Fore wings with a very slight olive-green tinge, and with some black speckles, which are placed transversely and are obliterated hindward; a large diffuse brown patch about the apical part of the costa. Hind wings very minutely brown-speckled. Length of the body 7 lines; of the wings 16 lines.

a. South Africa. Presented by Sir A. Smith.

Genus 14. HIBITA.

Mas. Corpus crassum, pilosissimum. Proboscis obsoleta. Palpi porrecti, crassi, pilosissimi, capitis latitudine breviores. Abdomen alas posticas superans; fasciculus apicalis minimus. Pedes robusti, femoribus tibiisque pilosis, calcaribus quatuor longis. Alæ elongatæ, spissæ, latiusculæ, costa margineque exteriori perparum convexis, margine exteriori subtruncato.

Male. Body thick, very pilose. Proboscis obsolete. Palpi porrect, thick, very pilose, shorter than the breadth of the head; third joint minute, concealed by the hairs. Abdomen extending rather beyond the hind wings; apical tuft very small. Legs stout; femora and tibiæ pilose; hind tibiæ with four long spurs. Wings elongate, dense, comparatively broad. Fore wings hardly acute, very slightly truncated along the interior border; costa and exterior border very slightly convex, the latter moderately oblique.

1. HIBITA ARCTURELLA.

Mas. *Ferruginea; subtus cinerascens; alæ anticæ fusco conspersæ, costa nigricante conspersa, fascia media fusca obliqua, punctis uarginalibus nigricantibus; posticæ fusæ.*

Male. Ferruginous. Abdomen and hind wings brown; under side more cinereous. Fore wings with transverse brown speckles, the latter blackish along the costa; a brown oblique incomplete middle band; marginal points blackish. Length of the body 6 lines; of the wings 16 lines.

a. Ega. From Mr. Bates' collection.

Genus 15. ORYBA.

Mas. Corpus sat gracile. Proboscis conspicua. Palpi porrecti, lanceolati, capitis latitudine vix duplo longiores; articulus 3us 2o non brevior. Antennæ glabræ, graciles. Abdomen alas

posticas non superans; fasciculus apicalis parvus. Pedes læves, longi, validi; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ elongatæ, amplæ, vix falcatæ, margine exteriori subconvexo sat obliquo.

Male. Body rather slender. Proboscis distinct. Palpi porrect, lanceolate, nearly twice longer than the breadth of the head; third joint full as long as the second. Antennæ smooth, slender. Abdomen not extending beyond the hind wings; apical tuft small. Legs smooth, long, stout; hind tibiæ with four long spurs, one of each pair much longer than the other. Wings elongate, ample. Fore wings hardly falcate; costa straight; exterior border slightly convex, rather oblique.

1. ORYBA FLAVIPLAGA.

Mas. *Rosea; alæ anticæ purpurascente-roseæ, plaga subcostali flava rufo marginata, linea obliqua subrecta nigra, plaga subtus diffusa nigricante.*

Male. Rosy, mostly yellowish cinereous beneath. Abdomen yellowish cinereous. Fore wings purplish rosy, with a yellow red-bordered subcostal patch, and with a nearly straight black line, which extends from near the base of the subcostal vein to the interior angle; underside with a diffuse blackish patch beyond the yellow patch. Hind wings pale cinereous along the interior border. Length of the body 7 lines; of the wings 20 lines.

a. North Hindostan. From Mr. Stevens' collection.

Genus 16. MURGISCA.

Fœm. Corpus læve, crassum. Proboscis conspicua. Palpi longi, porrecti, disjuncti, subdecumbentes, articulo 3o conico. Antennæ glabræ. Abdomen alas posticas non superans. Pedes validi, læves; tibiæ posticæ quadricalcaratæ. Alæ elongatæ, latiusculæ; anticæ subfalcatæ, costa recta, margine exteriori convexo.

Female. Body smooth, very stout. Proboscis distinct. Palpi porrect, pubescent, slightly inclined downward, remote from each other, much longer than the breadth of the head; third joint conical, not more than one-fourth of the length of the second. Antennæ smooth. Abdomen tapering towards the tip, not extending beyond the hind wings. Legs stout, smooth; hind tibiæ with four moderately long spurs. Wings elongate, rather broad. Fore wings subfalcate; costa straight; exterior border convex, very slightly oblique.

1. MURGISCA CERVINALIS.

Fœm. *Pallidissime cervina; alæ anticis fascia obliqua subpallidiores antice dilatata lineis duabus subobscurioribus marginata; alæ posticæ albidis cervino vix suffusæ.*

Female. Very pale fawn-colour. Fore wings with an oblique slightly paler band; this is broadest in front, and is bordered by two lines, which are a little darker than the ground hue. Hind wings whitish, with a very slight fawn-coloured tinge. Length of the body 6 lines; of the wings 18 lines.

Var. Fœm. *Pallide cervina; alæ anticæ roseo subinctis, lituris nullis; posticæ pallidissime cervinis.*

Var. Female. Pale fawn-colour, much paler beneath. Fore wings slightly rosy-tinged, without markings. Hind wings very pale fawn-colour. Length of the body 6 lines; of the wings 16 lines.

a, b. St. Domingo. From Mr. Tweedie's collection.

Genus 17. MOTINA.

Fœm. Corpus sat robustum. Fasciculus frontalis productus. Proboscis bene determinata. Palpi oblique ascendentes, verticem vix superantes; articulus 2us latissimus; 3us minimus. Antennæ graciles. Abdomen lanceolatum, alas posticas paullo superans. Pedes breves, sat graciles; tibiæ posteriores late fimbriatæ; tibiæ posticæ quadricalcaratæ. Alæ latiusculæ, breviusculæ; anticæ acutæ.

Female. Body rather stout. Frontal tuft prominent. Proboscis distinct. Palpi obliquely ascending, hardly rising higher than the vertex; second joint very broad; third conical, extremely minute. Antennæ slender. Abdomen lanceolate, extending a little beyond the hind wings. Legs short, rather slender; posterior tibiæ broadly fringed; hind tibiæ with four moderately long spurs. Wings rather broad and short. Fore wings acute; costa straight; exterior border slightly convex, moderately oblique.

1. MOTINA ÆQUALIS.

Fœm. *Pallide cervina; alæ anticæ lineis tribus e punctis nigris, punctis marginalibus nigris minimis; posticæ subfuscescentes.*

Female. Pale fawn-colour. Fore wings with three transverse lines of black points, of which the submarginal line is the most complete; marginal points black, very minute. Hind wings slightly brownish. Length of the body 5 lines; of the wings 11 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

2. MOTINA? DISPARALIS.

Mas. *Cervina*; *fasciculus frontalis non productus*; *palpi verticem non superantes, articulo 2o fimbriato, 3o parvo*; *antennæ sat robustæ, subpubescentes, basi incrassatæ*; *alæ anticæ postice cinereæ, puncto discali nigro, linea submarginali albida denticulata fusco submarginata, costa subconvexa*; *posticæ fuscescente-cervinæ.*

Male. Fawn-colour, brownish cinereous beneath. Frontal tuft not prominent. Palpi not rising higher than the vertex; second joint moderately broad, with a short thick fringe; third conical, small. Antennæ rather stout, minutely pubescent, incrassated at the base. Fore wings mostly cinereous along the interior border, with a black point in the disk hindward before the middle; submarginal line whitish, denticulated, obsolete in front, retracted hindward, slightly brown-bordered; costa very slightly convex. Hind wings brownish fawn-colour. Length of the body 4 lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 18. CAPHYS.

Fæm. Corpus læve, sat gracile. Proboscis breviuscula, sat gracilis. Palpi decumbentes, subpilosus, sat robusti, capitis latitudine paullo breviores; articulus 3us longi-conicus. Antennæ graciles. Abdomen attenuatum, alas posticas superans; oviductus exsertus. Pedes vix robusti; tibiæ posticæ quadricaratae. Alæ anticæ elongatæ, apice rotundatæ, costa recta, margine exteriori vix convexo.

Female. Body smooth, rather slender. Proboscis rather short and slender. Palpi decumbent, rather stout, slightly pilose, a little shorter than the breadth of the head; third joint elongate-conical, not more than one-fourth of the length of the second. Antennæ smooth, slender. Abdomen attenuated, extending somewhat beyond the hind wings; oviduct exserted. Legs smooth, hardly stout; hind tibiæ with four long spurs. Wings elongate, comparatively broad.

Fore wings rounded at the tips; costa straight; exterior border hardly convex, slightly oblique.

1. CAPHYS BILINEA.

Fœm. Rosea; abdomen pallide cinereo-cervinum; alæ anticæ lineis duabus albidis rectis parallelis vix obliquis; posticæ subflavescente-cinereæ, margine antico roseo.

Female. Rosy. Abdomen pale cinereous fawn-colour. Fore wings with two whitish transverse straight parallel hardly oblique lines, which are remote from each other. Hind wings pale cinereous, with an indistinct yellowish tinge, rosy along the costa and about the tips. Length of the body 6 lines; of the wings 16 lines. Brazil. In Mr. Saunders' collection.

Genus 19. TOCCOLOSIDA.

Mas. Corpus robustum. Proboscis conspicua. Palpi porrecti, capitis latitudine multo longiores; articulus 2us latiusculus; 3us parvus. Antennæ subpubescentes. Abdomen alas posticas non superans. Pedes robusti, longiusculi, læves; tibiæ posticæ quadricalcaratæ. Alæ anticæ elongatæ, amplæ, apice rectangulatæ, costa subrecta, margine exteriori subflexo; posticæ subacutæ.

Male. Body stout. Proboscis distinct. Palpi porrect, extending rather beyond the head, very much longer than the breadth of the head; second joint rather broad; third conical, minute, less than one-fourth of the length of the second. Antennæ extremely minutely pubescent. Abdomen not extending beyond the hind wings. Legs stout, smooth, rather long; hind tibiæ with four moderately long spurs. Wings elongate, ample. Fore wings rectangular at the tips; costa almost straight; exterior border slightly bent. Hind wings slightly acute.

1. TOCCOLOSIDA RUBRICEPS.

Mas. Fusca; caput et thorax læte rosea; abdomen cinereum, basi roseo varium; alæ anticæ linea cinerea subrecta, costa basi cyanescente-cinerea; posticæ aurato-flavæ, fusco marginatæ.

Male. Brown. Head and thorax bright rosy. Abdomen cinereous, partly rosy towards the base. Fore wings with a cinereous almost straight line, which extends from near the end of the exterior border to two-thirds of the length of the interior border; costa bluish cinereous towards the base; under side cinereous hind-

ward. Hind wings gilded yellow, brown-bordered, brown towards the tips and about the adjoining part of the costa, and along the exterior part of the interior border. Length of the body 7 lines; of the wings 20 lines.

Silhet. In Mr. Saunders' collection.

Genus 20. ORATHA.

Fœm. Corpus sat gracile. Fasciculus frontalis productus, acutus. Proboscis conspicua. Palpi porrecti, lanceolati, subarcuati, dense fimbriati, sat graciles, capitis latitudine longiores; articulus 3us 2i dimidio brevior. Abdomen alas posticas non superans, fasciculo erecto penicillato munitum. Pedes longi, graciles. Alæ anticæ longæ, amplæ, acutæ, costa basi convexa, margine exteriori subflexo.

Female. Body rather slender. Frontal tuft acute, very prominent. Proboscis moderately long and stout. Palpi porrect, lanceolate, slightly curved, thickly fringed, rather slender, longer than the breadth of the head; third joint lanceolate, less than half the length of the second. Antennæ smooth, slender. Abdomen not extending beyond the hind wings, with an erect penicillate tuft on the third segment. Legs long, smooth, slender; hind tibiæ with four moderately long spurs. Wings elongate, ample. Fore wings acute; costa straight, convex and dilated towards the base; exterior border slightly bent, very oblique hindward.

1. ORATHA SIGNIFICATA.

Fœm. *Cinerea*; thorax fascia antica atomisque nigris; alæ gutta discali nigricante; anticæ nigro subconspersæ, rufo subinctæ, cano variæ, vitta discali cervina nigro bilineata, punctis marginalibus nigris; posticæ linea marginali nigricante.

Female. Cinereous. Thorax black-speckled, with a black band in front. Wings with a diffuse blackish discal dot. Fore wings thinly black-speckled, slightly tinged with red, partly hoary, with an irregular fawn-coloured discal stripe which contains two black lines, and is concisely bordered hindward with hoary, the latter hue also limiting the two black lines; marginal points black. Hind wings with a blackish marginal line. Length of the body 7 lines; of the wings 20 lines.

a. Chili. From Mr. Cuming's collection.

Genus 21. MASOGA.

Mas. Corpus robustum. Fasciculus frontalis subproductus. Proboscis conspicua. Palpi oblique ascendentes, subarcuati, valde compressi, verticem superantes; articulus 2us fimbriatus; 3us lanceolatus, 2i dimidio longior. Antennæ setosæ, sat graciles. Thorax squamosus. Alæ anticæ latæ, acutæ, subfalcatae, subelongatae, costa vix convexa, margine exteriori flexo.

Male. Body stout. Frontal tuft slightly prominent. Proboscis distinct. Palpi much compressed, slightly curved, obliquely ascending, rising higher than the vertex; second joint with a short thick fringe on each side; third lanceolate, a little more than half the length of the second. Antennæ setose, rather slender. Thorax squamous. Wings broad, slightly elongated. Fore wings acute, subfalcate; costa very slightly convex; exterior border bent in the middle, rectangular to the costa in front, very oblique hindward. Hind wings with the exterior border very slightly bent.

1. MASOGA PANAGRALIS.

Mas. *Pallide cinereo-cervina; alæ punctis marginalibus nigris; anticæ subiridescentes, nigro subconspersæ, linea exteriori e punctis ferrugineis et nigris, punctis duobus discalibus punctoque interiore ferrugineis, punctis marginalibus albo signatis.*

Male. Pale cinereous fawn-colour. Wings with black marginal points. Fore wings slightly iridescent, thinly and minutely black-speckled; an exterior line indicated by a few ferruginous points, which towards the costa are succeeded by black points; two yellowish ferruginous-bordered discal points placed transversely in the disk; a ferruginous point in the disk nearer the base; marginal points marked with white. Length of the body 6 lines; of the wings 16 lines.

Rio Janeiro. In Mr. Fry's collection.

Genus 22. MARISBA.

Mas. Corpus vix robustum. Caput bifasciculatum. Proboscis mediocris. Antennæ graciles, filiformes, subserratae, subpubescentes. Abdomen alas posticas vix superans; fasciculus apicalis minimus. Pedes læves, sat graciles; tibiæ posticæ quadricalcaratae. Alæ anticæ subelongatae; anticæ acutæ, costa recta, margine exteriori convexo.

Male. Body hardly stout. Head with two very prominent frontal tufts. Proboscis moderately long. Antennæ slender, filiform, very minutely serrated and pubescent. Abdomen hardly extending beyond the hind wings; apical tuft extremely small. Legs smooth, rather slender; hind tibiæ with four long spurs. Wings slightly elongate, moderately broad. Fore wings acute; costa straight; exterior border convex, hardly oblique in front.

1. MARISBA UNDULIFERA.

Mas. *Fusca; abdomen cinereum; alæ apud marginem exteriorem nigro-fuscæ; anticæ lineis plurimis approximatis subundulatis; posticæ subtus cinereæ.*

Male. Brown. Body beneath and abdomen cinereous. Wings blackish brown about the exterior border. Fore wings with many approximate transverse minutely undulating cinereous lines. Hind wings cinereous beneath. Length of the body 5 lines; of the wings 14 lines.

Rio Janeiro. In Mr. Fry's collection.

Genus 23. MAPETA.

Mas. Corpus subcylindricum, vix robustum. Frons plana. Proboscis conspicua. Palpi porrecti, læves, graciles, lanceolati, disjuncti; articulus 3us 2o paullo brevior. Antennæ glabræ. Abdomen alas posticas paullo superans; fasciculus apicalis parvus. Pedes læves, longiusculi, sat graciles; tibiæ posticæ quadricalcaratæ. Alæ anticæ elongatæ, latiusculæ, vix acutæ, costa subrecta, margine exteriori convexo.

Male. Body hardly stout, nearly cylindrical. Front flat. Proboscis distinct. Palpi porrect, smooth, slender, lanceolate, apart from each other; third joint a little shorter than the second. Antennæ smooth. Abdomen extending a little beyond the hind wings; apical tuft small. Legs smooth, rather long and slender; hind tibiæ with four moderately long spurs. Wings elongate, rather broad. Fore wings hardly acute; costa almost straight; exterior border convex, moderately oblique.

1. MAPETA XANTHOMELAS.

Mas. *Læte ochracea; caput albidum; oculi nigro cincti; palpi pedesque nigri subtus albidii; alæ anticæ apice albidæ venis nigro marginatis; posticæ apice atræ.*

Male. Bright orange. Head whitish, black about the eyes. Antennæ, palpi and legs black; palpi, femora and tibiæ whitish beneath. Apical part of the wings beneath and of the fore wings above whitish, with black-bordered veins and with a black fringe. Hind wings deep black towards the tips. Length of the body 6—8 lines; of the wings 16—20 lines.

a, b. Jamaica. From Mr. Gosse's collection.

c. Bogota. From Mr. Stevens' collection.

d—f. Venezuela. From Mr. Dyson's collection.

Genus 24. AUDIA.

Fœm. Corpus sat robustum. Proboscis mediocris. Palpi læves, porrecti, lanceolati, approximati, capitis latitudine paullo breviores; articulus 3us 2i dimidio paullo longior. Abdomen alas posticas non superans. Pedes sat graciles; tibiæ posticæ quadricalcaratæ. Alæ anticæ latiusculæ, subacutæ.

Female. Body rather stout. Proboscis moderately long. Palpi smooth, porrect, lanceolate, approximate, a little shorter than the breadth of the head; third joint lanceolate, a little more than half the length of the second. Abdomen not extending beyond the hind wings. Legs smooth, rather slender; hind tibiæ with four long spurs. Wings rather broad. Fore wings slightly acute; costa straight; exterior border slightly convex, moderately oblique.

1. AUDIA MIXTALIS.

Fœm. *Cana, subtus pallide flavescens; caput antice rufescens; alæ anticæ nigro subconspersæ, fasciis duabus rufescentibus, 2a latissima, lineis duabus intermediis nigricantibus subrectis, gutta discali rufa nigro marginata, lituris duabus costalibus diffusis nigricantibus, punctis marginalibus nigris; posticæ flavescences, fusco conspersæ subtus rufescentes.*

Female. Hoary, pale yellowish beneath. Head in front and palpi brick-red. Wings thinly black-speckled. Fore wings with two brick-red bands, of which the second is very broad and extends to the exterior border; two blackish nearly straight lines between the bands, the outer one connected with a large red black-bordered discal dot; two diffuse blackish marks on the costa towards the tip; marginal points black; under side reddish towards the tips. Hind wings yellowish, with brown speckles, some of which form two patches on the exterior border; under side reddish, minutely

black-speckled. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. St. Domingo. From Mr. Tweedie's collection.

Genus 25. BURATHEMA.

Corpus vix robustum. Proboscis nulla. Palpi porrecti, lanceolati, squamosi, capitis latitudine breviores, articulis indistinctis. Antennæ glabræ, crassæ, subcompressæ. Abdomen alas posticas paullo superans. Pedes læves, sat graciles; tibiæ posticæ quadricaratae. Alæ anticæ breviusculæ, sat angustæ, apice subrotundatæ, margine exteriori perobliquo.

Body hardly stout. Proboscis obsolete. Palpi porrect, lanceolate, squamous, shorter than the breadth of the head; joints indistinct. Antennæ smooth, very stout, slightly compressed. Abdomen extending a little beyond the hind wings. Legs smooth, rather slender; hind tibiæ with four long spurs. Wings rather short and narrow. Fore wings slightly rounded at the tips; costa hardly convex; exterior border slightly convex, very oblique.

1. BURATHEMA DIVISA.

Pallide cervina; alæ anticæ vitta discali alba postice fusco marginata, linea interiore obliqua fusca, lunula discali alba, linea subtus fusca exteriori subundulata; posticæ linea exteriori fusca.

Pale fawn-colour, cinereous beneath. Wings beneath with a brown exterior slightly undulating line. Fore wings with a white discal stripe, which extends from near the base of the interior border to near the tip of the costa, and is bordered on the hind side by a brown line; an oblique brown line traversing the white stripe near the base, and a white exterior discal lunule. Hind wings with an exterior brown line. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 26. BANASSA.

Fœm. Corpus robustum. Proboscis brevis. Palpi longi, oblique ascendentes; articulus 3us lanceolatus, 2o non brevior. Antennæ graciles. Alæ anticæ apice rectangulatæ, costa recta, margine exteriori subconvexo, subobliquo.

Female. Body stout. Proboscis short. Palpi obliquely ascending, full as long as the breadth of the head; third joint lanceolate, as long as the second. Antennæ slender. Wings moderately broad. Fore wings rectangular at the tips; costa straight; exterior border very slightly convex and oblique.

This genus has much resemblance to some of the *Noctuities*.

1. BANASSA RUTILANS.

Fœm. *Fusca, subtus albida; alæ anticæ intus chalybæo extus cupreo tinctæ, lineis duabus interioribus coccineis, linea exteriori undulata argentea intus nigro marginata, lunulis marginalibus nigris coccineo marginatis, strigulis quatuor costalibus albidis; posticæ albido fimbriatæ.*

Female. Brown, whitish beneath. Fore wings tinged with chalybeous, and exteriorly with cupreous; two slightly oblique vermilion lines before the middle; an exterior undulating silvery line, which on its inner side is bordered with black, and towards the costa with vermilion also; marginal lunules black, bordered with vermilion; four minute oblique white streaks towards the tip of the costa. Hind wings with a whitish fringe. Length of the body 5 lines; of the wings 14 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 27. PHAZACA.

Fœm. Corpus læve, vix robustum. Proboscis brevis, gracilis. Palpi porrecti, graciles, capitis latitudine multo breviores; articulus 3us linearis, acutus, 2o brevior. Antennæ validæ. Abdomen alas posticas paullo superans. Pedes læves, brevissimi; tibiæ posticæ latiusculæ, calcaribus quatuor longis. Alæ anticæ apice rotundatæ, margine exteriori perobliquo vix convexo; posticæ margine exteriori subangulato.

Female. Body smooth, hardly stout. Proboscis short, slender. Palpi porrect, smooth, slender, much shorter than the breadth of the head; third joint linear, acute, shorter than the second. Antennæ stout, smooth. Abdomen slightly tapering, extending a little beyond the hind wings. Legs smooth, very short; hind tibiæ rather broad, with four long spurs. Wings moderately broad. Fore wings rounded at the tips; costa straight; exterior border hardly convex, very oblique. Hind wings with a much rounded angle on the exterior border.

1. PHAZACA EROSIoidES.

Fœm. Schistaceo-cinerea; vertex albas; alæ anticæ nigricante conspersæ, linea submarginali ferruginea angulata, guttis duabus posticis nigris, punctis marginalibus atris; posticæ albedo-cinereæ, marginibus subochraceis, punctis tribus marginalibus atris.

Female. Slaty-cinereous. Vertex white. Abdomen whitish cinereous. Fore wings with blackish speckles, which are thick and partly confluent along the costa and towards the exterior border; submarginal line ferruginous, forming an outward angle in the middle, retreating from the exterior border in front; two black dots near the hindward part of the inner side of the submarginal line; marginal points deep black. Hind wings whitish cinereous, slightly tinged with pale ochraceous towards the borders; a few blackish speckles near the interior border; three marginal minute deep black points. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 28. MIDEA.

Fœm. Corpus vix robustum. Proboscis obsoleta. Palpi porrecti, lati, dense pilosi, capitis latitudine breviores; articulus 3us brevissimus. Abdomen alas paullo superans. Pedes læves, graciles, breviusculi; tibiæ posticæ calcaribus quatuor longissimis. Alæ breviusculæ, latiusculæ; anticæ acutæ, margine exteriori recto subobliquo, margine exteriori vix excavato.

Female. Body slightly stout. Proboscis obsolete. Palpi porrect, broad, with short thick-set hairs, shorter than the breadth of the head; third joint very short. Antennæ smooth. Abdomen slightly tapering, extending a little beyond the hind wings. Legs smooth, slender, rather short; hind tibiæ with four very long spurs. Wings rather short and broad. Fore wings acute; costa and exterior border straight, the latter slightly oblique; interior border hardly excavated.

1. MIDEA RECTALIS.

Fœm. Ferrugineo-rufa; abdomen cinereum; alæ anticæ linea recta obliqua cinerea intus nigricante nebulosa; posticæ cinereo-fuscæ.

Female. Ferruginous-red, brownish cinereous beneath. Abdomen cinereous. Fore wings with a straight cinereous line, which

extends from beyond one-third of the length of the interior border nearly to the tip of the costa, and has a blackish tinge along its inner side. Hind wings cinereous-brown. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Fam. 2. PHYCIDÆ.

Phycidæ, *Gn.*

Genus 1. SEMNIA.

Semnia, *H. S.*

Europe and the neighbouring regions.

1. SEMNIA PUNCTELLA.

punctella, *Tr.*

Genus 2. ANERASTIA.

Anerastia, *Hb.*—Araxes, *St.*

Europe and the neighbouring regions.

1. ANERASTIA LOTELLA.

lotella, *Hb.*—pulverella, *Hb.*—miniosella, *Zk.*—Var. ? Farrella, *Ct.*

a—e. England. From Mr. Stephens' collection.

f—i. England. From Mr. Bouchard's collection.

j. England. From Mr. Scotland's collection.

k, l. Europe. From M. Becker's collection.

2. ANERASTIA ARENOSELLA.

arenosella, *Std.*

3. ANERASTIA TRANSVERSARIELLA.

transversariella, *Zl.*

4. ANERASTIA VULNERATELLA.

vulneratella, *Zl.*

5. ANERASTIA VENOSA.

venosa, *Zl.*

6. ANERASTIA PUDICELLA.

pudicella, *Zk.*

7. ANERASTIA ABLUTELLA.

ablutella, *Zl.*

8. ANERASTIA LIMBELLA.

limbella, *Zl.*

9. ANERASTIA ICHORELLA.

ichorella, *Ld.*

10. ANERASTIA DELICATELLA.

delicatella, *Mchl.*

Africa.

11. ANERASTIA SABULELLA.

sabulella, *Zl.*

South Africa.

Genus 3. EPHESTIA.

Ephestia, *Gn.*—Nephopteryx, *Hb.*

Europe and the neighbouring regions.

1. EPHESTIA ELUTELLA.

elutella, *Hb.*—ablutalis, *Hb.*—elutea, *Hw.*—rufa, *Hw.*—angusta, *Hw.**a—o.* From Mr. Stephens' collection.*p—r.* England. Presented by E. Shepherd, Esq.*s.* England.*t—w.* Europe. From M. Becker's collection.

2. EPHESTIA SEMIRUFA.

semirufa, *Hw.**a, b.* England. From Mr. Stephens' collection.*c, d.* England.

3. EPHESTIA FICELLA.

ficella, *Dgl.*

4. EPHESTIA ABSTERSSELLA.

abstersella, *Zl.*

5. EPHESTIA INCANELLA.

incanella, *Ev.*

6. EPHESTIA XANTHOTRICHA.

xanthotricha, *Std.*

7. EPHESTIA CINEROSSELLA.

cinerosella, *Zl.*

8. EPHESTIA PARASITELLA.

parasitella, *Std.*

9. EPHESTIA BIGELLA.

bigella, *Zl.*—stenoptycha, *H. S.*

10. EPHESTIA BIVIELLA.

biviella, *Zl.*

11. EPHESTIA LABEONELLA.

labeonella, *Std.*

12. EPHESTIA OBLITELLA.

oblitella, *Zl.*

13. EPHESTIA EPHEDRELLA.

ephedrella, *H. S.*—oblitella, var. ?

14. EPHESTIA VAPIDELLA.

vapidella, *Mann.*

15. EPHESTIA PINGUIS.

pinguis *Hw.*—pinguedinella, *Gn.**a—c.* England. From Mr. Stephens' collection.*d, e.* England. From Mr. Turner's collection.*f, g.* England. Presented by E. Shepherd, Esq.

16. EPHESTIA ARTEMISIELLA.

artemisiella, *St.**a.* England. From Mr. Stephens' collection.

Genus 4. *PLODIA*.*Plodia*, *Gn.*—*Euclita*, *Hb.*1. *PLODIA INTERPUNCTALIS*.*interpunctalis*, *Hb.**a.* England. From Mr. Stephens' collection.*b.* England.Genus 5. *HOMŒOSOMA*.*Homœosoma*, *Ct.*—*Latria*, *Gn.*—*Nephopteryx*, *Hb.*

Europe and the neighbouring regions.

1. *HOMŒOSOMA NEBULELLA*.*nebulella*, *W. V.**a, b.* Germany. From M. Himmighofen's collection.2. *HOMŒOSOMA NIMBELLA*.*nimbella*, *Zl.**a—c.* England. From Mr. Bouchard's collection.3. *HOMŒOSOMA BINÆVALIS*.*binævalis*, *Hb.*—*petrella*, *H. S.*4. *HOMŒOSOMA HISPANICELLA*.*hispanicella*, *H. S.*5. *HOMŒOSOMA SINUELLA*.*sinuella*, *F.*—*sinuatus*, *F.*—*gemina*, *Hw.*—*elongella*, *Tr.*—*flavella*, *Dp.**a—l.* England. From Mr. Stephens' collection.*m—p.* England. From Mr. Chant's collection.*q—s.* England. Presented by E. Shepherd, Esq.*t—v.* England.6. *HOMŒOSOMA ELUVIELLA*.*eluviella*, *Gn.*—*binævella*, *St.*—*nebulella*, *St.**a—d.* England. From Mr. Stephens' collection.*e, g.* England. From Mr. Bouchard's collection.*h—j.* England.

Asia.

7. HOMŒOSOMA GRATELLA.

Mas et fœm. *Flavescens; caput et thoracis tegulæ rufa; palpi graciles, suberecti, verticem superantes, articulo 3o lanceolato; antennæ maris robustæ, basi incrassatæ; alæ anticæ angustæ, apice subrotundatæ, rufo strigatæ et guttatæ, apud costam nonnunquam nigricante-rufæ; posticæ cinereæ, subiridescentes, subhyalinæ.*

Male and female. Yellowish. Head and tegulæ of the thorax mostly red. Palpi slender, nearly erect, rising higher than the vertex; second joint slightly curved; third joint lanceolate, more than half the length of the second joint in the female, shorter in the male. Antennæ stout and incrassated at the base in the male. Abdomen extending very little beyond the hind wings. Fore wings narrow, slightly rounded at the tips, more or less streaked and dotted with red, sometimes irregularly blackish red along the costa. Hind wings yellowish cinereous, slightly iridescent and hyaline. Length of the body 3 lines; of the wings 8 lines.

a—e. Ceylon. From M. Nietner's collection.

8. HOMŒOSOMA? GETUSALIS.

Mas. *Albido-cinerea, subtus fuscescente-cinerea; palpi porrecti, articulo 2o subfasciculato, 2o conico longiusculo; alæ anticæ apice rectangulatæ, linea discali nigricante, punctis marginalibus nigris; posticæ fuscescente-cinereæ.*

Male. Whitish cinereous, brownish cinereous beneath. Palpi porrect, not longer than the breadth of the head; second joint slightly tufted above; third acutely conical, about half the length of the second. Antennæ stout. Abdomen extending somewhat beyond the hind wings; apical tuft rather long. Fore wings rectangular at the tips; exterior border rather oblique; interior angle much rounded; a blackish line at one-third of the breadth from the costa; marginal points black. Hind wings brownish cinereous. Length of the body 5 lines; of the wings 10 lines.

Ceylon. In Mr. Layard's collection.

9. HOMŒOSOMA?? LINCUSALIS.

Mas. *Pallidissime cervina; palpi porrecti, lanceolati, articulo 3o conico; alæ anticæ apice rectangulatæ, linea discali basali*

lineaque exterior obliqua nigris, reniformi albida, striga postica lanceolata punctisque marginalibus nigris; posticæ albido-cinereæ.

Male. Very pale fawn-colour, whitish cinereous beneath: Palpi porrect, lanceolate, as long as the breadth of the head; third joint conical. Fore wings rectangular at the tips; exterior border hardly oblique; a slight black line in the disk near the base, and another extending from the reniform mark towards the exterior border; reniform mark whitish, accompanied by a black point; a lanceolate black streak in the disk behind it; marginal points black. Hind wings whitish cinereous. Length of the body $5\frac{1}{2}$ lines; of the wings 12 lines.

Ceylon. In Mr. Layard's collection.

Genus 6. ACROBASIS.

Acrobasis, Zl.—Rhodophæa, Gn.—Nephopteryx, Hb.—Zophodia, Hb.

Europe and the neighbouring regions.

1. ACROBASIS TUMIDELLA.

tumidella, Zk.—verrucella, Hb.—verrucea, Hw.—tumidana, St. advenella, St.

a—k. England. From Mr. Stephens' collection.

l, m. England. From Mr. Chant's collection.

n—r. England.

s, t. Europe. From M. Becker's collection.

v. Germany. From M. Himmighofen's collection.

2. ACROBASIS RUBROTIBIELLA.

rubrotibiella, F. R.—tumidana, W. V.

a. England. From Mr. Stephens' collection.

b, c. England. Presented by R. M'Lachlan, Esq.

3. ACROBASIS CONSOCIELLA.

consociella, Hb.—tumidella, Dp.—fascia, Hw., Var.?

a, b. England. From Mr. Stephens' collection.

c. England. From Mr. Chant's collection.

d. England.

e, f. Europe. From M. Becker's collection.

4. ACROBASIS SODALELLA.

sodalella, *Zl.*

5. ACROBASIS CLUSINELLA.

clusinella, *Zl.*

6. ACROBASIS BITHYNELLA.

bithynella, *Zl.*

7. ACROBASIS PYRETHRELLA.

pyrethrella, *H.-S.*

8. ACROBASIS OBLITERELLA.

obliterella, *Std.*

9. ACROBASIS GLYCERELLA.

glycerella, *Std.*

10. ACROBASIS OBLIQUA.

obliqua, *Zl.*

11. ACROBASIS GLAUCELLA.

glaucella, *Std.*

12. ACROBASIS FRONTICORNELLA.

fronticornella, *H.-S.*

13. ACROBASIS PORPHYRELLA.

porphyrella, *Dp.*

14. ACROBASIS OBTUSELLA.

obtusella, *Hb.*

North America.

Sect. 1.

Mas. Palpi maxillares breves, dense fimbriati. Palpi labiales erecti, sat validi, verticem longe superantes; articulus 2us subtns fimbriatus; 3us lanceolatus, parvus. Abdomen alas posticas paullo superans; fasciculus apicalis subquadratus. Alæ latæ, non longæ; anticæ apice quadratæ, costa subrecta, margine exteriori subconvexo subobliquo.

Male. Maxillary palpi short, densely fringed. Labial palpi erect, rather stout, rising much higher than the vertex; second joint fringed beneath; third joint slender, lanceolate, less than one-fourth of the length of the second. Antennæ not incrassated at the base. Abdomen extending a little beyond the hind wings; apical tuft subquadrate. Wings broad, not long. Fore wings quadrate at the tips; costa almost straight; exterior border slightly convex and oblique.

15. ACROBASIS LATIORELLA.

Mas. *Cinereo-fusca*; *alæ punctis marginalibus nigris*; *anticæ nigro conspersæ, fascia interiore cana, linea exterior denticulata undulata, puncto discali punctisque tribus interioribus nigris, linea submarginali pallida undulata indistincta, costa extus nigra punctis tribus pallidis*; *posticæ cinereo-fuscae*.

Male. Wings cinereous-brown; marginal points black, obsolete above in the hind wings. Fore wings minutely black-speckled; interior band hoary; exterior line black, denticulated, undulating; submarginal line undulating, indistinct, a little paler than the ground hue; a black discal point; three black points nearer the base; costa mostly black exteriorly, where there are three pale points. Hind wings cinereous-brown, with a cinereous fringe. Wings beneath with a brown exterior denticulated line. Length of the body 6 lines; of the wings 12 lines.

a. East Florida. Presented by E. Doubleday, Esq.

West Indies.

16. ACROBASIS TRANSLUCIDA.

Mas et fœm. *Rufescente-cervina*; *palpi erecti, verticem superantes*; *alæ anticæ angustæ, apice rotundatæ, punctis discalibus nigris, linea submarginali rufescente diffusa*; *posticæ albidæ, semihyalinæ, linea marginali fusca*.

Male and female. Reddish fawn-colour, moderately stout. Front prominent. Palpi erect, rising higher than the vertex; third joint elongate-conical in the male, longer and more linear in the female. Fore wings narrow, rounded at the tips, with a few black discal points; submarginal line reddish, diffuse. Hind wings whitish, iridescent, semihyaline; marginal line brown. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a, b. St. Domingo. From Mr. Tweedie's collection.

c. Jamaica. From Mr. Gosse's collection.

Ceylon.

17. ACROBASIS INFICITA.

Mas et fœm. *Pallide straminea, palpi verticem paullo superantes; alæ anticæ angustæ, apice rotundatæ, fuscescente-cinereo nebulosæ, linea submarginali pallida denticulata; posticæ pallidiores, subhyalinæ.*

Male and female. Pale dull straw-colour. Palpi ascending a little higher than the vertex; third joint conical in the male, longer and lanceolate in the female. Abdomen extending rather beyond the hind wings. Fore wings narrow, rounded at the tips, mostly clouded with brownish cinereous; submarginal line pale, denticulated. Hind wings paler, slightly hyaline. Length of the body 3—3½ lines; of the wings 8—9½ lines.

a, b. Ceylon. Presented by Dr. Templeton.

Borneo.

18. ACROBASIS DEROGATELLA.

Fœm. *Cinereo-cervina; palpi lanceolati, suberecti, caput superantes; tibiæ fimbriatæ; alæ punctis marginalibus nigricantibus albo marginatis, 2a diffusa strigam emittente, guttis duabus costalibus nigris albo marginatis, fimbria nigricante strigata; posticæ fusco suffusæ.*

Female. Cinereous fawn-colour, stout. Proboscis robust. Palpi lanceolate, nearly vertical, rising much higher than the head; third joint very acute, full one-fourth of the length of the second. Antennæ smooth, very slender. Abdomen hardly extending beyond the hind wings. Legs rather long and stout; tibiæ fringed; hind tibiæ with four long spurs. Wings with marginal blackish points. Fore wings rounded at the tips, with two irregular dentate blackish lines; first line broadly bordered on the outer side with white; second line diffuse, slightly bordered with white, emitting a diffuse streak in front; two black white-bordered dots near the costa between the two lines; fringe with blackish streaks; exterior border very oblique; under side broadly bordered with brown. Hind wings overspread with brown. Length of the body 5 lines; of the wings 15 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

19. ACROBASIS INDUCTALIS.

Fœm. Cervina ; palpi robusti, erecti, arcuati, verticem superantes ; tibiæ posticæ apice fasciculatæ ; alæ punctis marginalibus fuscis indistinctis ; anticæ apice rectangulatæ, fascia ferruginea, lineis duabus angulosis pallide cinereis ; posticæ cinereæ, subhyalinæ.

Female. Fawn-coloured, stout. Proboscis short. Palpi vertical, curved, stout, compressed, rising much above the head ; third joint lanceolate, less than half the length of the second. Antennæ smooth. Abdomen extending a little beyond the hind wings. Legs short, stout ; hind tibiæ with four long spurs, and with a compressed apical tuft. Wings stout, with indistinct brown marginal points ; fringe long. Fore wings rectangular at the tips, with two pale cinereous zigzag lines ; first line interior ; second submarginal ; a ferruginous band along the outer side of the first line ; costa slightly convex ; exterior border oblique hindward. Hind wings cinereous, slightly hyaline, with a hardly perceptible fawn-coloured tinge. Length of the body 4 lines ; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

20. ACROBASIS FUNEREA.

Mas. Atra, subtus nigricante-cinerea, proboscis rufescens, basi nigra ; palpi erecti, arcte applicati, articulo 3o minimo ; alæ posticæ albido-cinereæ, semihyalinæ, nigricante marginatæ.

Male. Deep black, under side and abdomen blackish cinereous. Proboscis pale red, black at the base. Palpi stout, erect, rising a little higher than the head, to which they are closely applied ; third joint very minute. Antennæ smooth, rather stout. Abdomen extending rather beyond the hind wings ; apical tuft small. Wings rather broad, with a pale cinereous marginal line. Fore wings hardly acute ; exterior border hardly convex, moderately oblique. Hind wings whitish cinereous, semihyaline, diffusedly blackish about the exterior border. Length of the body 4—5 lines ; of the wings 11—13 lines.

a, b. Sydney. From Mr. Diggles' collection.

21. ACROBASIS? XANTHOMELALIS.

Fœm. *Anthracina, robusta; proboscis apice fulva; palpi validi, erecti, verticem paullo superantes; abdomen nigro-fuscum, segmentis lutescente marginatis; alæ anticæ latiusculæ, fasciis tribus saturatioribus indistinctis guttularibus; posticæ luteæ, margine lato nigro-fusco.*

Female. Coal-black, stout, cinereous-black beneath. Proboscis tawny towards the tip. Palpi stout, erect, applied to the head, rising a little higher than the vertex; third joint conical, very minute. Abdomen brownish black, hardly extending beyond the hind wings; hind borders of the segments pale luteous. Wings rather broad. Fore wings glossy, slightly rounded at the tips, with three deeper black guttular indistinct bands; exterior border convex, slightly oblique. Hind wings luteous, with a broad brownish black border. Length of the body 6 lines; of the wings 16 lines.

a. Sydney. From Mr. Diggles' collection.

b, c. Australia. From Mr. Stutchbury's collection.

Genus 7. GLYPTOTELES.

Glyptoteles, *Zl.*

1. GLYPTOTELES LEUCACRINELLA.

leucacrinella, *Zl.*

Genus 8. CRYPTOBLABES.

Cryptoblabes, *Zl.*

1. CRYPTOBLABES BISTRIGA.

bistriga, *Hw.*—rutilella, *Fsch.*?

a—e. England. From Mr. Stephens' collection.

f. England. Presented by W. R. H. Jordan, Esq.

g. England. From Mr. Bouchard's collection.

Genus 9. ALIPSA.

Alipsa, *Zl.*

1. ALIPSA ANGUSTELLA.

angustella, *Hb.*

Genus 10. NYCTEGRETIS.

Nyctegretis, *Zl.*

1. NYCTEGRETIS ACHATINELLA.

achatinella, *Hb.*

2. NYCTEGRETIS? ALBICILIELLA.

albiciliella, *Std.*

Genus 11. ECCOPISA.

Eccopisa, *Zl.*

1. ECCOPISA EFFRACTELLA.

effractella, *Zl.*

Genus 12. MYELOIS.

Myelois, *Zl.*—Myelophila, *Tr.*—Rhodophæa, *Gn.*—Eurhodope,
Hb.—Zophodia, *Hb.*

Europe and the neighboring regions.

1. MYELOIS ROSELLA.

rosella, *Sc.*—pudoralis, *W. V.*

2. MYELOIS INCENSELLA.

incensella, *Std.*

3. MYELOIS CIRRIGERELLA.

cirrigerella, *Zk.*

4. MYELOIS FUSCICOSTELLA.

fuscicostella, *Mn.*

5. MYELOIS INCOMPTA.

incompta, *Zl.*

6. MYELOIS RHIZOBIELLA.

rhizobiella, *Std.*

7. MYELOIS RHODOCHRELLA.

rhodochrella, *H.-S.*—delicatella, *Msch.*

8. MYELOIS RAMOSELLA.

ramosella, *H.-S.*

9. MYELOIS CRIBRUM.

cribrum, *L.*—cribriformis, *Esp.*—cribrella, *Hb.*—cardui, *Hw.*—
 medullalis, *Hb.*

a—j. England. From Mr. Stephens' collection.
k, l. England. Presented by C. S. Gregson, Esq.
m—p. England.
q, r. Europe. From M. Becker's collection.
s. Nice. From Dr. Leach's collection.
t—u. ———?

10. MYELOIS CRIBRATELLA.

cribratella, *Zl.*

11. MYELOIS FLAVICILIELLA.

flaviciliella, *H.-S.*

12. MYELOIS CIRCUMDATELLA.

circumdatella, *Ld.*

13. MYELOIS SEDAKOVELLA.

Sedakovella, *Ev.*

14. MYELOIS UMBRATELLA.

umbratella, *Tr.*

15. MYELOIS CRUDELLA.

crudella, *Zl.*—cruentella, *H.-S.*

16. MYELOIS CONTECTELLA.

contectella, *Zl.*

17. MYELOIS INFUSCATELLA.

infuscatella, *H.-S.*

18. MYELOIS RUBRICATELLA.

rubricatella, *H.-S.*

19. MYELOIS LURIDATELLA.

luridatella, *H.-S.*—rufella, *Dp.*—impurella, *Dp.*?—advenella, *Dp.*

20. MYELOIS ALTENSIS.

Altensis, *Wck.*—annulatella, *Ztt.*?

21. MYELOIS TERE BRELLA.

terebrella, *Zk.*

22. MYELOIS DULCELLA.

dulcella, *Zl.*

23. MYELOIS LEGATELLA.

legatella, *Hb.*

24. MYELOIS SUAVELLA.

suavella, *Zk.*—porphyrea, *Ct.*

a, b. England. From Mr. Stephens' collection.

25. MYELOIS ADVENELLA.

advenella, *Zk.*—palumbea, *Hw.*—rhenella, *St.*—recurvella, *Gn.*

a—m. England. From Mr. Stephens' collection.

n. England. From Mr. Bouchard's collection.

26. MYELOIS MARMOREA.

marmorea, *Hw.*—epylydella, *Zl.*

a—c. England. From Mr. Stephens' collection.

d, e. England. From Mr. Chant's collection.

f. England. From Mr. Foxcroft's collection.

g. England. Mr. Bouchard's collection.

27. MYELOIS STRICTELLA.

strictella, *Mn.*

28. MYELOIS BIFLEXELLA.

biflexella, *Ld.*

29. MYELOIS CONVEXELLA.

convexella, *Ld.*

30. MYELOIS CORCYRELLA.

corcyrella, *H.-S.*

31. MYELOIS WELSERIELLA.

Welseriella, *Zl.*

32. MYELOIS FURCATELLA.

furcatella, *H.-S.*

33. MYELOIS TETRICELLA.

tetricella, *L.*—chrysorrhoea, *Zk.*

34. MYELOIS CERATONIAE.

ceratoniae, *Zl.*

a, b. England. From Mr. Stephens' collection.

35. MYELOIS ARGYROGRAMMOS.
argyrogrammos, *Zl.*

36. MYELOIS CANDIDATELLA.
candidatella, *Ld.*

37. MYELOIS TRANSVERSELLA.
transversella, *Dp.*

38. MYELOIS AFFLATELLA.
afflatella, *Mn.*

39. MYELOIS CONVOLUTELLA.
convolutella, *Hb.*—grossulariella, *Zk.*

40. MYELOIS CASSANDRELLA.
Cassandrella, *Std.*

41. MYELOIS CENTUNCULELLA.
centunculella, *Mn.*

42. MYELOIS CIRCUMDATELLA.
circumdatella, *Ld.*

Madeira.

43. MYELOIS CINERELLA.
cinerella, *Sta.*

Africa.

44. MYELOIS BOHEMANNI.
Bohemanni, *Zl.*
South Africa.

Ceylon.

45. MYELOIS BRACTIATELLA.

Fœm. Cinereo-rufescens, crassa; palpi oblique ascendentes, breviusculi, articulo 2o subarcuato, 3o lanceolato; antennæ validæ; alæ elongatæ, sat angustæ, lineis duabus undulatis albidis, fascia basali lata nigricante; anticæ apice rotundatæ, puncto discali nigricante, punctis tribus costalibus albidis, spatio marginali cano-rufo; posticæ spatio marginali cano, lituris submarginalibus nigricantibus.

Female. Cinereous-reddish, very stout, more cinereous beneath. Palpi obliquely ascending, not rising so high as the vertex; second joint slightly curved; third lanceolate, much shorter and more slender than the second. Antennæ stout. Wings elongate, rather narrow; a broad blackish band near the base, bordered on the outer side by an undulating whitish line; marginal space darker reddish and tinged with hoary in the fore wings, hoary in the hind wings, divided from the middle part by an undulating whitish line. Fore wings rounded at the tips; middle part with a blackish discal point, and with three whitish costal points. Hind wings with some blackish submarginal marks, which successively increase in size hindward. Length of the body 5 lines; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

46. MYELOIS LIGERALIS.

Mas. *Cana, robusta; palpi oblique ascendentes, verticem non superantes, articulo 2o robusto subarcuato, 3o longi-conico; antennæ robustæ, articulis 1o et 2o dilatatis, 2o inciso; pedes femoribus tibiisque latis; alæ anticæ vix acutæ, fusco subnebulosæ, nigro subconspersæ, lineis duabus nigris undulatis non obliquis, punctis marginalibus nigris elongatis; posticæ albidæ, iridescentes, semihyalinæ.*

Male. Hoary, stout. Palpi obliquely ascending, not rising higher than the vertex; second joint stout, slightly curved; third elongate-conical, much more slender than the second, and not more than half its length. Antennæ very stout; first and second joints dilated; second joint notched. Abdomen extending very little beyond the hind wings; apical appendages large. Legs stout; femora and tibiæ broad. Fore wings hardly acute, slightly clouded with brown, thinly black-speckled; middle and submarginal lines black, undulating, not oblique; marginal points black, elongated; exterior border very slightly oblique. Hind wings whitish, iridescent, semihyaline. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Ceylon. Presented by Dr. Templeton.

47. MYELOIS? MARSYUSALIS.

Mas. *Fusca; palpi ascendentes, supra verticem arcuati, articulo 3o lanceolato; antennæ pubescentes; alæ anticæ apice rotundatæ, linea media testacea subundulata, punctis submarginalibus testaceis, margine exteriori vix obliquo.*

Male. Brown, much paler beneath. Palpi curved over the vertex; first joint moderately long; second stout; third lanceolate, about half the length of the second and much more slender. Antennæ stout, minutely pubescent. Abdomen extending a little beyond the hind wings. Legs stout; spurs very long; fore tibiæ very short. Fore wings rounded at the tips; exterior border hardly oblique; middle line testaceous, slightly undulating; submarginal points testaceous. Length of the body 4 lines; of the wings 10 lines.

Ceylon. In Mr. Layard's collection.

48. MYELOIS? BASIFUSCALIS.

Fœm. *Cinerea; palpi porrecti, capitis latitudine breviores, articulo 3o lanceolato; alæ anticæ triente basali fuscescente, lineis duabus pallidis ex parte nigro marginatis, 1a undulata, 2a denticulata, punctis marginalibus nigris; anticæ reniformi parva maculisque duabus discalibus nigricantibus.*

Female. Cinereous. Palpi porrect, not so long as the breadth of the head; third joint lanceolate, shorter and more slender than the second. Antennæ much more than half the length of the body. Abdomen elongate-conical, extending a little beyond the hind wings. Wings brownish for nearly one-third of the length from the base, this hue bounded by a pale undulating partly black-bordered line; exterior line pale denticulated, partly black-bordered; reniform mark of the fore wings small, blackish; two blackish spots on the inner side of the exterior line in the fore wings; marginal points black. Length of the body 3—3½ lines; of the wings 7—8 lines.

Ceylon. In Mr. Layard's collection.

Genus 13. TRACHONITIS.

Trachonitis, Zl.—Nephopteryx, Hb.

Europe.

1. TRACHONITIS CRISTELLA.

cristella, Hb.—christella, Fr.

a. Europe. From M. Becker's collection.

b. Italy. From Dr. Leach's collection.

2. TRACHONITIS AMCENELLA.

amcænella, Zl.

West Indies.

Sect. N.

Mas. Corpus sat validum. Proboscis conspicua. Palpi labiales erecti, pubescentes, verticem superantes; articulus 3us longiconicus, 2i dimidio brevior. Palpi maxillares porrecti, breves, squamoso-hirsuti. Antennæ subserratae, subpubescentes, basi subincrassatae. Abdomen alas posticas superans; fasciculus apicalis parvus, quadratus. Pedes validi, laeves; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ longæ, angustæ, apice rotundatæ, margine exteriori convexo.

Male. Body moderately stout. Proboscis distinct. Labial palpi erect, pubescent, rising higher than the vertex; third joint elongate-conical, less than half the length of the second. Maxillary palpi porrect, short, squamous-hirsute. Antennæ very minutely serrated and pubescent, slightly incrassated at the base. Abdomen extending somewhat beyond the hind wings; apical tuft small, quadrate. Legs stout, smooth; hind tibiæ with four long spurs. Wings elongate. Fore wings narrow, rounded at the tips; costa straight; exterior border convex, moderately oblique.

3. TRACHONITIS LUCIDALIS.

Mas. *Cinerea*; alæ anticæ nigro conspersis, fasciis duabus, linea exteriori abbreviata lineaque submarginali dentata duplicata nigricantibus postice ferrugineis, punctis marginalibus nigris; alæ posticæ iridescentes subhyalinæ.

Male. Cinereous. Fore wings hoary, minutely black-speckled, with blackish markings, which become ferruginous towards the interior border; a basal band, another band before the middle, an oblique exterior line which is abbreviated in front, and a double dentate submarginal line; marginal points black. Hind wings nearly hyaline, very iridescent; fringe whitish, interlined with pale brown near the base like that of the fore wings. Length of the body 6—7 lines; of the wings 14—16 lines.

a, b. St. Domingo. From Mr. Tweedie's collection.

Borneo.

4. TRACHONITIS DILATICORNIS.

Mas. *Cervina*; palpi lati, erecti, subarcuati, verticem superantes; antennæ dimidio basali incrassatæ et dilatatæ; thorax punctis

nigris; *tibiæ late fimbriatæ*; *alæ anticæ nigro conspersæ, cinereo variæ, apice subrotundatæ, linea submarginali arcuata e punctis nigris*; *posticæ semihyalinæ, fuscescente-cinereæ*.

Male. Fawn-colour, stout, brownish beneath. Proboscis distinct. Palpi compressed, broad, slightly curved, rising high above the vertex; third joint more than half the length of the second. Antennæ much thickened and dilated for nearly half the length. Thorax with several black points. Abdomen extending somewhat beyond the hind wings. Legs rather stout; tibiæ broadly fringed; hind tibiæ with four long spurs. Fore wings irregularly black-speckled, somewhat rounded at the tips, with some cinereous spurs and with a curved submarginal line composed of black points; exterior border slightly convex, rather oblique. Hind wings brownish cinereous, semihyaline. Length of the body 6 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Sect. N.

Mas. Corpus sat robustum. Caput hirsutum. Proboscis obsoleta. Palpi squamosi, validi, oblique ascendentes, verticem non superantes; articulus 3us conicus, minimus. Antennæ triente basali incrassatæ. Abdomen lineare, alas posticas superans. Alæ anticæ acutæ, costa vix convexa, margine exteriori subconvexo perobliquo.

Male. Body rather stout. Head hirsute. Proboscis obsolete. Palpi squamous, stout, obliquely ascending, not rising higher than the vertex; third joint conical, very minute. Antennæ incrassated to one-third of the length from the base. Abdomen linear, rather flat, extending beyond the hind wings. Legs smooth, not long. Fore wings narrow, acute; costa hardly convex; exterior border slightly convex, very oblique.

5. TRACHONITIS NIGRICOSTALIS.

Mas. *Ochraceo-cervina*; *caput et thorax anticus nigrificantia*; *alæ anticæ vitta costali nigricante, punctis marginalibus nigris*; *posticæ albidæ, punctis marginalibus fuscis*.

Male. Ochraceous fawn-colour, dingy cinereous beneath. Head and fore part of the thorax blackish. Fore wings with a blackish costal stripe; marginal points black. Hind wings whitish,

shining, with brown marginal points. Length of the body 4 lines; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

6. TRACHONITIS OPPOSITALIS.

Mas. *Nigricante-cinerea*; palpi robusti, verticem superantes, articulo 3o conico minimo; antennæ robustæ, basi dilatatæ; abdomen alas posticas longe superans; alæ anticæ vix acutæ, plagis duabus discalibus canis, striga exteriori costali cervina, punctis marginalibus nigris; posticæ cinereæ.

Male. Blackish cinereous. Palpi robust, rising much higher than the vertex; third joint conical, hardly one-sixth of the length of the second. Antennæ robust, dilated towards the base. Abdomen cinereous, extending much beyond the hind wings. Fore wings narrow, hardly acute, with two hoary discal patches, cinereous with a slight fawn-coloured tinge hindward, and with an exterior costal streak of the same hue; marginal points black, distinct; exterior border slightly convex, rather oblique. Hind wings cinereous, with a slight æneous tinge. Length of the body 5 lines; of the wings 10 lines.

a. Sydney. From Mr. Lambert's collection.

7. TRACHONITIS SUBLIGNALIS.

Mas. *Pallide cinereo-cervina*; palpi robusti, erecti, verticem longe superantes, articulo 3o conico minimo; abdomen alas posticas longe superans; alæ anticæ apice rotundatæ, striga exteriori obliqua diffusa, punctis apud strigam punctisque marginalibus nigris; posticæ æneo subinctæ.

Male. Pale cinereous fawn-colour, rather slender. Palpi erect, stout, rising much higher than the vertex; third joint conical, hardly one-eighth of the length of the second. Antennæ stout, dilated towards the base. Abdomen extending much beyond the hind wings; apical tuft rather long. Wings narrow; fringe long, pale cinereous, interlined near the base. Fore wings rounded at the tips, with a diffuse darker streak, which extends from beyond the middle of the exterior border to the tip, and is accompanied by a few black points; marginal points black, distinct; exterior border

slightly convex, rather oblique. Hind wings with a slight æneous tinge. Length of the body 6 lines; of the wings 12 lines.

a. Sydney. From Mr. Diggles' collection.

Country unknown.

8. TRACHONITIS DECOLORALIS.

Mas. *Subcervino-cinerea; palpi oblique ascendentes, verticem paullo superantes; articulo 3o conico minimo; alæ anticæ cinereo conspersæ, apice rotundatæ, litura discali, litura marginali punctisque marginalibus nigris; posticæ pallide cinereæ.*

Male. Cinereous, rather slender, with a tinge of fawn-colour. Palpi stout, obliquely ascending, rising a little higher than the vertex; third joint conical, hardly one-sixth of the length of the second. Antennæ dilated at the base. Abdomen extending a little beyond the hind wings, with two lanceolate apical appendages. Fore wings narrow, rounded at the tips, irregularly powdered with pale cinereous; a black mark on the exterior border before the middle, and two or three minute indistinct black marks in the exterior part of the disk; marginal points black; exterior border slightly convex, rather oblique. Hind wings pale cinereous, with an æneous tinge. Length of the body 6 lines; of the wings 16 lines.

a. ——— ?

9. TRACHONITIS ERECTALIS.

Mas. *Ferrugineo-rufa; palpi validi, erecti, verticem longe superantes, articulo 3o longi-conico minimo; antennæ robustæ, basi dilatatæ; abdomen cinereum, alas posticas sat superans; alæ anticæ vix acutæ, fasciis quatuor cinereis angulatis, 2a 3aque nigricante submarginatis, 3a abbreviata, costa cinerea, punctis marginalibus nigricantibus; posticæ pallide cinereæ, æneo tinctæ.*

Male. Ferruginous-red, rather slender. Palpi stout, erect, rising much higher than the vertex; third joint elongate-conical, about one-sixth of the length of the second. Antennæ stout, smooth, dilated towards the base. Abdomen cinereous, extending somewhat beyond the hind wings. Fore wings narrow, hardly acute, with four angular cinereous bands; second and third bands slightly and partly blackish-bordered; third band very incomplete hindward; costa mostly cinereous; marginal points blackish, minute; exterior border convex, moderately oblique. Hind wings

pale cinereous, with an æneous tinge. Length of the body $5\frac{1}{2}$ lines ; of the wings 12 lines.

a. ——— ?

Genus 14. ASARTA.

Asarta, *Zl.*

1. ASARTA ÆTHIOPELLA.

æthiopella, *Dp.*—*helveticella*, *Zl.*—Var. *monspesulalis*, *Dp.*

2. ASARTA ALPICOLELLA.

alpicolella, *Zl.*

Genus 15. RATASA.

Ratasa, *H.-S.*

1. RATASA ALIENALIS.

alienalis, *Ev.*

2. RATASA ALLOTRIELLA.

allotriella, *H.-S.*

Genus 16. HYPOCHALCIA.

Hypochalcia, *Hb.*—*Onocera*, *St.*—*Anerastia*, *Hb.*—*Catastia*, *Hb.*

Europe and the neighbouring regions.

1. HYPOCHALCIA MELANELLA.

melanella, *Tr.*—*germanella*, *Dp.*

a, b. Europe. From M. Becker's collection.

2. HYPOCHALCIA AHENELLA.

ahenella, *W. V.*—*æneella*, *Hb.*—*obscuratus*, *Hw.*—*tetrix*, *Hw.*—*bistrigella*, *Dp.*—*fuliginella*, *Dp.*—*luridella*, *Schlg.*

a—f. England. From Mr. Stephens' collection.

g—j. England. From Mr. Bouchard's collection.

k, l. Europe. From M. Becker's collection.

3. HYPOCHALCIA RUBIGINELLA.

rubiginella, *Tr.*

4. HYPOCHALCIA DISJUNCTELLA.

disjunctella, *Zl.*

5. HYPOCHALCIA LIGNELLA.

lignella, *Hb.*

6. HYPOCHALCIA DIGNELLA.

dignella, *Hb.*—lignella, *Hb.*

7. HYPOCHALCIA DECORELLA.

decorella, *Hb.*—indeoralis, *Hb.*

8. HYPOCHALCIA GERMARELLA.

Germarella, *Zk.*—melanella, *Dp.*

9. HYPOCHALCIA CHALYBEELLA.

chalybeella, *Ev.*

10. HYPOCHALCIA AFFINIELLA.

affiniella, *H.-S.*

11. HYPOCHALCIA CANDELISEQUELLA.

candelisequilla, *Ev.*—propinquella, *Ev.*

12. HYPOCHALCIA BRUNNEELLA.

brunneella, *Ev.*

13. HYPOCHALCIA VESPERELLA.

vesperella, *Ev.*

14. HYPOCHALCIA MARGINEA.

marginea, *W. V.*—atrella, *F.*—marginalis, *Hb.*—antiopella, *Zk.*—marginella, *Dp.*

15. HYPOCHALCIA AURICILIELLA.

auriciliella, *Hb.*—auricella, *Ztt.*

West Indies.

16. HYPOCHALCIA CERVINISTRIGALIS.

Fœm. *Cinerea ; palpi validi, disjuncti, capitis latitudine multo longiores ; thorax subroseus ; alæ linea marginali fusca, fimbria interlineata ; anticæ nigro conspersæ, costa liturisque discalibus albidis, basi vittisque tribus roseis, punctis submarginalibus nigris.*

Female. Cinereous, paler beneath. Front rather prominent. Palpi porrect, stout, remote from each other, much longer than the breadth of the head ; third joint lanceolate, a little shorter than the second. Antennæ slender. Body whitish beneath. Thorax somewhat rosy. Abdomen extending a little beyond the hind wings. Wings with a brown marginal line ; fringe with two brown lines, one of which is basal. Fore wings narrow, hardly acute, minutely black-speckled ; costa and some discal marks whitish ; base and three irregular stripes rosy ; first stripe in the exterior part of the disk ; second hindward, nearly connected with the third, which is marginal ; submarginal points black, minute. Hind wings with a whitish cinereous fringe. Length of the body 4 lines ; of the wings 11 lines.

a. St. Domingo. From Mr. Tweedie's collection.

17. HYPOCHALCIA PYRALINALIS.

Fœm. *Cinereo-fusca, subiridescens ; corpus subtus albidum ; palpi porrecti, lanceolati, disjuncti, capitis latitudine breviores, articulo 3o minimo ; alæ anticæ latiusculæ, subacutæ, macula discali guttisque duabus interioribus nigricantibus, linea exterior cinerea denticulata intus fusco marginata ; posticæ linea exterior vix conspicua.*

Female. Cinereous-brown, shining, slightly iridescent, cinereous beneath. Body whitish beneath. Palpi porrect, lanceolate, apart from each other, shorter than the breadth of the head ; third joint very minute. Antennæ slender. Abdomen hardly extending beyond the hind wings. Wings rather broad. Fore wings slightly acute, with a blackish discal spot, and with two less conspicuous interior blackish discal dots ; exterior line cinereous, denticulated, brown-bordered on the inner side. Hind wings rather paler, with slight indications of the exterior line. Length of the body $3\frac{1}{2}$ lines ; of the wings 9 lines.

a. St. Domingo. From Mr. Tweedie's collection.

Borneo.

18. HYPOCHALCIA INFERALIS.

Fœm. *Cervina* ; *proboscis* *conspicua* ; *palpi* *læves, longi, porrecti*, *articulo* *2o subarcuato, 3o lanceolato* ; *alæ anticæ acutæ, subelongatæ, fascia interiore diffusa lineaque submarginali denticulata indistincta cinereis* ; *posticæ æneo-cinereæ, subhyalinæ*.

Female. Fawn-colour, moderately stout. Proboscis distinct. Palpi smooth, porrect, much longer than the breadth of the head ; second joint slightly curved ; third lanceolate, about one-third of the length of the second. Abdomen rather paler than the thorax, extending a little beyond the hind wings. Wings moderately broad, slightly elongated. Fore wings acute, with an interior diffuse cinereous band ; submarginal line cinereous, denticulated, indistinct ; costa hardly convex ; exterior border convex, moderately oblique. Hind wings cinereous, tinged with æneous, slightly hyaline. Length of the body 5 lines ; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Sect. N.

Fœm. *Corpus sat robustum. Fasciculus frontalis productus. Proboscis brevis. Palpi porrecti, validi, capitis latitudine longiores* ; *articulus 2us supra dense vestitus* ; *3us minimus. Abdomen alas posticas paullo superans. Pedes validi, breviusculi* ; *tibiæ posticæ calcaribus duobus apicalibus. Alæ anticæ apice rotundatæ*.

Female. Body rather stout. Frontal tuft prominent. Proboscis short. Palpi porrect, stout, longer than the breadth of the head ; second joint with a short thick fringe on the upper side ; third conical, not more than one-sixth of the length of the second. Abdomen extending a little beyond the hind wings. Legs stout, rather short ; hind tibiæ with two apical spurs, one of which is very long. Fore wings narrow, somewhat rounded at the tips ; exterior border slightly convex, very oblique.

19. HYPOCHALCIA PERLIGNEALIS.

Fœm. *Pallide lignicolor* ; *thorax maculis duabus humeralibus nigricantibus* ; *alæ anticæ postice fusæ, guttis quatuor nigricantibus, linea submarginali albida angulosa, punctis marginalibus nigris* ; *posticæ fusæ*.

Female. Pale wood-colour. Thorax with a blackish spot on each shoulder. Fore wings irregularly brown along the interior border; four blackish dots, of which two are discal and two are subapical; submarginal line whitish, zigzag; marginal points black, elongated. Hind wings brown. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Sect. N.

Fœm. Corpus sat robustum. Proboscis conspicua. Palpi longi, ascendentes, verticem longe superantes, articulo 2o arcuato, 3o lanceolato. Pedes breviusculi, sat graciles. Alæ anticæ elongatæ, vix acutæ, costa recta.

Female. Body rather stout. Proboscis distinct. Palpi squamous, ascending, a little longer than the breadth of the head, rising much above the vertex; second joint curved; third lanceolate, much shorter than the second. Antennæ slender. Abdomen extending a little beyond the hind wings. Legs smooth, rather short and slender; hind tibiæ with four long spurs. Fore wings elongate, moderately broad, hardly acute; costa straight; exterior border convex, rather oblique.

20. HYPOCHALCIA REPUGNALIS.

Fœm. *Subcervino-cinerea; alæ lineis paucis fuscis dentatis, spatio marginali fuscescente lineam submarginalem cineream denticulatam includente, lunula discali nigricante.*

Female. Cinereous, with a slight and partial tinge of fawn-colour. Wings with a blackish discal lunule, and with a few indistinct dentate brown lines; marginal space brownish, especially so in the fore wings, including the denticulated cinereous submarginal line. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

21. HYPOCHALCIA TRITALIS.

Mas. *Fuscescente-cinerea, nitens; palpi porrecti, lanceolati, vix arcuati, capitis latitudine paullo longiores, articulo 3o elongato; alæ linea marginali fusca; anticæ angustæ, vix acutæ, margine exteriori perobliquo; posticæ vix hyalinæ.*

Male. Brownish cinereous, shining. Palpi porrect, lanceolate, very slightly curved, a little longer than the breadth of the head; third joint lanceolate, shorter than the second. Antennæ smooth. Abdomen extending somewhat beyond the hind wings. Wings with a brown marginal line. Fore wings narrow, hardly acute; exterior border convex, very oblique. Hind wings a little paler than the fore wings, very slightly hyaline. Length of the body 5 lines; of the wings 12 lines.

a. Sydney. From Mr. Lambert's collection.

New Zealand.

22. HYPOCHALCIA SUBMARGINALIS.

Fœm. *Fusca*; *palpi porrecti, pilosi, longiusculi*; *alæ anticæ chalybæo suffusæ, atomis lineisque duabus albidis, linea 1a undulata, 2a marginali, striga discali strigisque marginalibus nigricantibus*; *posticæ æneo-cinereæ, margine lato æneo-fusco.*

Female. Brown, pale cinereous beneath. Palpi porrect, pilose, as long as the breadth of the head. Abdomen æneous-cinereous. Fore wings shorter and broader than those of *H. indistinctalis*, mostly suffused with chalybeous-blue; exterior part with whitish speckles, which mostly form two lines, one undulating, the other marginal; discal streak and marginal streaks blackish. Hind wings æneous-cinereous, with a broad æneous-brown border. Length of the body $5\frac{1}{2}$ —6 lines; of the wings 13—14 lines.

a. New Zealand. Presented by Dr. Sinclair.

b—d. New Zealand. Presented by Col. Bolton.

23. HYPOCHALCIA INDISTINCTALIS.

Fœm. *Fuscescente-cinerea*; *palpi porrecti, longiusculi, supra fimbriati, articulo 3o acuto*; *alæ anticæ vitta discali nigricante diffusa interrupta, punctis marginalibus fuscis*; *posticæ æneo-cinereæ.*

Female. Brownish cinereous, more cinereous beneath. Palpi porrect, fringed above, a little longer than the breadth of the head; third joint acute, not half the length of the second. Tarsi with brown bands. Fore wings with a blackish longitudinal diffuse interrupted discal streak; marginal points brown. Hind wings cinereous, with an æneous tinge. Length of the body 5—6 lines; of the wings 13—15 lines.

a, b. New Zealand. Presented by Col. Bolton.

Genus 17. EUCARPHIA.

Eucarphia, *Hb.*

1. EUCARPHIA VINETELLA.

vinetella, *F.*—vinetorum, *F.*

Genus 18. ZOPHODIA.

Zophodia, *Hb.*

Europe and the neighbouring regions.

1. ZOPHODIA RIPPORTELLA.

Rippertella, *Zl.*—prodromella, *Dp.*

2. ZOPHODIA PUMICOSA.

pumicosa, *Ld.*

3. ZOPHODIA ILIGNELLA.

ilignella, *Zl.*—dilucidella, *Dp.*

4. ZOPHODIA CONFINIELLA.

confiniella, *Zl.*—chalcedoniella, *H.-S.*

5. ZOPHODIA SAXEELLA.

Saxeella, *Zl.*

6. ZOPHODIA ANTIQUELLA.

antiquella, *H.-S.*

7. ZOPHODIA CANTENERELLA.

Cantenerella, *Dp.*—ravella, *H.-S.*

8. ZOPHODIA OSSEATELLA.

osseatella, *Tr.*

9. ZOPHODIA GILVEOLELLA.

gilveolella, *Tr.*

10. ZOPHODIA CENTUNCULELLA.

centunculella, *Mn.*

11. ZOPHODIA COMPOSITELLA.

compositella, *Tr.*

Genus 19. EPISCHNIA.

Epischnia, *Hb.*

Europe and the neighbouring regions.

1. EPISCHNIA ILLOTELLA.

illotella, *Zl.*

2. EPISCHNIA SAREPTELLA.

Sareptella, *H.-S.*

3. EPISCHNIA LEUCOLOMA.

leucoloma, *H.-S.*

4. EPISCHNIA PRODROMELLA.

prodromella, *Hb.*—umbraticella, *Dp.*

5. EPISCHNIA ADULTELLA.

adultella, *Zl.**a, b.* Germany. From M. Himmighofen's collection.

6. EPISCHNIA SORITELLA.

soritella, *Ld.*

Genus 20. ANCYLOSIS.

Ancylosis, *Zl.*

Europe.

1. ANCYLOSIS CINNAMOMELLA.

cinnamomella, *Dp.*—dilutella, *Tr.*

2. ANCYLOSIS ANGUINOSELLA.

anguinosella, *Zl.*—Ledereriella, *H.-S.*

Genus 21. GYNANCYLA.

Gynancyla, *Zl.*

1. GYNANCYLA CANELLA.

canella, *W. V.*—depositella, *Zk.*—Hornigii, *Ld.*

Genus 22. NEPHOPTERYX.

Nephopteryx, *Hb.*—Phycis, *F.*

Europe and the neighbouring regions.

1. NEPHOPTERYX GREGELLA.

gregella, *Ev.*

2. NEPHOPTERYX SERRATICORNELLA.

serraticornella, *Zl.*

3. NEPHOPTERYX CŒNULENTELLA.

cœnulentella, *Zl.*

4. NEPHOPTERYX ABIETELLA.

abietella, *W. V.*—decuriella, *Hb.*—splendidella, *H.-S.*

a. England. From Mr. Stephens' collection.

b. England. From Mr. Stevens' collection.

c. England. From Mr. Bouchard's collection.

d. Europe. From M. Becker's collection.

5. NEPHOPTERYX MENDACELLA.

mendacella, *Std.*

6. NEPHOPTERYX PINEÆ.

pineæ, *Std.*

7. NEPHOPTERYX ROBORELLA.

roborella, *W. V.*—spissicella, *F.*—spissicornis, *F.*—legatea, *Hw.*—
cristea, *Hw.*—legatella, *St.*—cristella, *St.*

a—i. England. From Mr. Stephens' collection.

j, k. England. From Mr. Chant's collection.

l—r. England.

s. Europe. From M. Becker's collection.

8. NEPHOPTERYX METZNERI.

Metzneri, *Zl.*

9. NEPHOPTERYX RHENELLA.

rhennella, *Zk.*—palumbella, *Hb.*

a, b. Europe. From M. Becker's collection.

10. NEPHOPTERYX POTERIELLA.

Poteriella, *Zl.*

11. NEPHOPTERYX ALBILINEELLA.

albineella, *Std.*

12. NEPHOPTERYX SUBLINEATELLA.

sublineatella, *Std.*

13. NEPHOPTERYX SIMILELLA.

similella, *Zk.*

14. NEPHOPTERYX ALBICILLA.

albicilla, *H.-S.*—leucacrinella, *H.-S.*

15. NEPHOPTERYX JANTHINELLA.

janthinella, *Hb.*—Var. saltuella, *Mn.*

a, b. Germany. From M. Himmighofen's collection.

16. NEPHOPTERYX ALBIGENELLA.

albigenella, *Dp.*—Wagnerella, *Frr.*—albariella, *H.-S.*

17. NEPHOPTERYX DAHLIELLA.

Dahliella, *Tr.*—bifasciata, *Dp.*

18. NEPHOPTERYX VACCINIELLA.

vacciniella, *Zl.*

19. NEPHOPTERYX ULICELLA.

ulicella, *H.-S.*

20. NEPHOPTERYX ARGYRELLA.

argyrella, *W. V.*

21. NEPHOPTERYX SUBOCHRELLA.

subochrella, *H.-S.*

North America.

22. NEPHOPTERYX MÆSTELLA.

Mas et fœm. *Cana, fusco nebulosa; alæ anticæ fusco trilineatæ; posticæ sordide cinereæ.* Var.—*Alæ anticæ nigricante lineatæ.*

Male and female. Hoary. Head and thorax thickly speckled with brown, or mostly brown. Palpi stout, obliquely rising, very little higher than the vertex; third joint conical, acute, minute, much less than one-fourth of the length of the second. Antennæ of the male much incrassated towards the base. Abdomen of the male extending a little beyond the hind wings. Fore wings narrow, rounded at the tips, thickly speckled with brown; these speckles are partly confluent and form three lines, of which the third is complete and undulating; marginal line brown, interrupted by the veins; costa straight; exterior border convex, moderately oblique. Hind wings dingy cinereous. Var.—Fore wings with blackish lines. Length of the body 5—6 lines; of the wings 14—16 lines.

a—c. United States. Presented by E. Doubleday, Esq.

d—h. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

i. Nova Scotia. From Lieut. Redman's collection.

23. NEPHOPTERYX FINITELLA.

Mas et fœm. *Obscure cinerea; alæ anticæ lineis tribus deviis interruptis nigro squamosis, linea submarginali undulata pallide cinerea, linea marginali nigricante.*

Male and female. Dark cinereous. Abdomen and hind wings paler. Palpi erect, rising much higher than the vertex; third joint lanceolate, nearly half the length of the second. Fore wings narrow, rounded at the tips, with the basal, interior and exterior lines irregular, incomplete, composed of black scales; submarginal line pale cinereous, undulating; marginal line blackish, interrupted by the veins. Length of the body 5—5½ lines; of the wings 13—14 lines.

The length of the third joint of the palpi is the only character which seems to distinguish this species from *N. mæstella*.

a—d. United States. Presented by E. Doubleday, Esq.

e, f. Nova Scotia. From Lieut. Redman's collection.

24. NEPHOPTERYX METAGRAMMALIS.

Mas. *Cinereo-cana*; *alæ anticæ lineis paucis obscurioribus denticulatis subobsoletis, linea submarginali pallida vix undulata, punctis duobus discalibus nigricantibus, punctis marginalibus nigricantibus, macula postica basali nigra; posticæ albida.*

Male. Cinereous-hoary. Frontal tuft prominent. Proboscis distinct. Palpi straight, stout, nearly erect, rising higher than the vertex; third joint extremely minute. Antennæ stout, smooth, incrassated towards the base. Fore wings narrow, rounded at the tips, with a few darker denticulated nearly obsolete transverse lines; submarginal line paler than the ground hue, hardly undulating; two discal transversely-situate blackish points; marginal points blackish; a black spot near the interior border towards the base. Hind wings whitish, iridescent; fringe white. Length of the body 5 lines; of the wings 14 lines.

a. United States. Presented by E. Doubleday, Esq.

25. NEPHOPTERYX TRANSITELLA.

Fœm. *Cinerea*; *alæ anticæ canæ, posticæ cinereæ, lineis duabus nigricantibus undulatis dentatis sat diffusis, gutta discali nigricante elongata, punctis marginalibus nigris; posticæ æneo subinctæ.*

Female. Cinereous. Proboscis distinct. Palpi slightly decumbent, pubescent, rather stout; third joint elongate-conical, full half the length of the second. Antennæ rather stout. Abdomen extending a little beyond the hind wings. Fore wings rather narrow, hardly acute, mostly hoary, except towards the interior border; interior and exterior lines blackish, undulating, dentate, rather diffuse; discal dot blackish, elongated; marginal points black; costa straight; exterior border slightly convex and oblique. Hind wings with a slight æneous tinge. Length of the body 5 lines; of the wings 14 lines.

a. United States. Presented by E. Doubleday, Esq.

26. NEPHOPTERYX CLARIORALIS.

Fœm. *Cinerea, caput et thorax anticus nigricante-cinerea; alæ anticæ nigro subconspersæ, ferrugineo variæ, apice rotundatis,*

linea duabus pallide cinereis undulatis nigro marginatis, spatiis duobus nigro nebulosis, punctis marginalibus nigris; posticæ fuscescente-cinereæ.

Female. Cinereous. Head and fore part of the thorax blackish cinereous. Palpi obliquely ascending, pubescent, not rising higher than the vertex; second joint curved; third conical, minute, less than one-fourth of the length of the second. Abdomen extending rather beyond the hind wings. Fore wings rather narrow, somewhat rounded at the tips, slightly black-speckled, here and there ferruginous, with two pale cinereous irregularly undulating black-bordered lines; space on the inner side of the first and discal space between the two lines more or less clouded with black; marginal points black; costa straight; exterior border slightly convex, hardly oblique. Hind wings brownish cinereous; fringe pale cinereous, interlined. Length of the body 7 lines; of the 14 wings.

a. United States. Presented by E. Doubleday, Esq.

27. NEPHOPTERYX INTRACTELLA.

Fœm. *Fuscescente-cinerea; alæ anticæ apice rotundatæ, lineis duabus fuscis denticulatis undulatis, gutta discali punctisque marginalibus nigricantibus.*

Female. Brownish cinereous. Abdomen extending much beyond the hind wings. Fore wings rather narrow, rounded at the tips; interior and exterior lines brown, denticulated, undulating; discal dot blackish, rather large; marginal points blackish; costa straight; exterior border slightly convex, moderately oblique. Length of the body 5 lines; of the wings 10 lines.

a. United States. Presented by E. Doubleday, Esq.

28. NEPHOPTERYX RUBIGINELLA.

Mas et fœm. *Sordide cinerea; caput et thorax anticus plus minusve ferrugineo-rufa; alæ anticæ canæ, postice ferrugineæ, gutta discali punctisque marginalibus nigricantibus.*

Male and female. Dingy cinereous. Head and fore part of the thorax more or less rusty red. Maxillary palpi short, porrect. Wings with a long pale cinereous slightly interlined fringe. Fore wings hoary, narrow, somewhat rounded at the tips, mostly over-spread hindward with a rusty hue; discal dot and marginal points blackish; costa straight; exterior border convex, moderately

oblique. *Male*.—Labial palpi with a long penicillate tuft of testaceous hairs. Antennæ incrassated towards the base. Abdomen extending a little beyond the hind wings. *Female*.—Labial palpi erect, rising a little higher than the vertex; third joint lanceolate, less than half the length of the second. Length of the body 5—5½ lines; of the wings 13—15 lines.

a—g. United States. Presented by E. Doubleday, Esq.

29. NEPHOPTERYX SUBCANALIS.

Canæ; alæ anticæ latiusculæ, vix acutæ, nigro subconspersæ, lineis duabus nigris ferrugineo marginatis, 1a subarcuata, 2a undulata, linea marginali interrupta punctoque discali nigris; posticæ æneo-cinereæ.

Hoary, rather stout. Proboscis robust. Wings comparatively broad. Fore wings hardly acute, thinly and irregularly black-speckled, with two transverse black lines; first line nearly upright, slightly and irregularly curved outward: second line undulating; space about the second line and along the interior side of the first line ferruginous; marginal line black, interrupted; discal point black; costa very slightly convex; exterior border convex, moderately oblique. Hind wings pale brownish, with an æneous tinge; fringe pale cinereous. Length of the body 5 lines; of the wings 14 lines.

a. United States. Presented by E. Doubleday, Esq.

30. NEPHOPTERYX RUFINALIS.

Mas. Rufescente-cinerea; palpi crassi, pubescentes, oblique ascendentes, verticem paullo superantes, articulo 3o minimo; antennæ validæ, basi incrassatæ; alæ anticæ angustæ, costam versus et apud marginem exteriorem canæ, lineis tribus canis denticulatis nigro submarginatis, linea media nigra denticulata, punctis marginalibus nigris; posticæ cinereæ.

Male. Reddish cinereous, brownish cinereous beneath. Palpi thick, pubescent, obliquely ascending, rising a little higher than the vertex; third joint extremely minute. Antennæ stout, incrassated towards the base. Abdomen extending a little beyond the hind wings. Wings with a broad fringe. Fore wings narrow, somewhat rounded at the tips, mostly hoary about the costa and about the exterior border; three hoary transverse denticulated partly black-bordered lines; first line dilated, abbreviated; a black

denticulated line between the second and third hoary lines, much abbreviated hindward; marginal points black; exterior border convex, slightly oblique. Hind wings cinereous. Length of the body 6 lines; of the wings 14 lines.

a. United States. Presented by E. Doubleday, Esq.

31. NEPHOPTERYX SEMIFUNERALIS.

Fœm. Nigricante-cinerea; palpi graciles, vix arcuati, oblique ascendentes, verticem non superantes, articulo 3o longo lanceolato; abdominis segmenta pallido marginata; alæ anticæ vix acutæ, lineis duabus arcuatis lituraque discali arcuata cinereis nigricante marginatis, punctis marginalibus nigris; posticæ obscure cinereæ, linea marginali fusca.

Female. Blackish cinereous, dingy cinereous beneath. Palpi smooth, slender, hardly curved, obliquely ascending, not rising higher than the vertex; third joint lanceolate, nearly as long as the second. Abdomen extending beyond the hind wings; hind borders of the segments pale cinereous. Wings moderately broad; fringe long, cinereous. Fore wings hardly acute; middle and exterior lines cinereous, undulating, blackish-bordered; discal mark cinereous, curved; marginal points black; exterior border convex, hardly oblique. Hind wings dark cinereous, very slightly hyaline; marginal line brown. Length of the body 5 lines; of the wings 12 lines.

a. North America. From Mr. Carter's collection.

West Indies.

32. NEPHOPTERYX NOTATALIS.

Cana; palpi validi, subsecuriformes, oblique ascendentes, verticem vix superantes, articulo 3o longi-conico; antennæ basi incrassatæ; alæ anticæ angustæ, nigricante conspersæ, apice rotundatæ, basi nigricantes, plaga costali, gutta discali lineaque exteriori undulata nigricantibus, punctis marginalibus nigris; posticæ albidæ, fere hyalinæ, striga costali apicali cervina.

Hoary. Palpi stout, obliquely ascending, slightly curved and securiform, not longer than the breadth of the head, hardly rising higher than the vertex; third joint elongate-conical, half the length of the second. Antennæ incrassated at the base. Fore wings narrow, rounded at the tips, minutely black-speckled, blackish at the

base, and with a blackish costal patch at a little before the middle; a blackish discal dot near the inner side of a blackish undulating exterior line, which is obsolete hindward; marginal points black; exterior border slightly convex and oblique. Hind wings whitish, iridescent, nearly hyaline, with a fawn-coloured streak near the tip of the costa. Length of the body 4 lines; of the wings 10 lines.

a. St. Domingo. From Mr. Tweedie's collection.

33. NEPHOPTERYX RUFESCENTALIS.

Fœm. *Rufescente-fulva; palpi sat graciles, suberecti, verticem superantes, articulo 3o lanceolato; alæ anticæ angustæ, apice rotundatæ, punctis paucis discalibus nigris, costa pallida, margine exteriori perobliquo; posticæ albidæ, fere hyalinæ, apice subfulvescentes.*

Female. Reddish fawn-colour, paler beneath. Palpi smooth, rather slender, nearly erect, rising higher than the vertex; third joint lanceolate, nearly half the length of the second. Fore wings narrow, rounded at the tips, with four or five black discal points; costa pale; exterior border convex, very oblique. Hind wings whitish, iridescent, nearly hyaline, with a slight fawn-coloured tinge at the tips. Length of the body 3 lines; of the wings 8 lines.

a. St. Domingo. From Mr. Tweedie's collection.

34. NEPHOPTERYX FISSURALIS.

Fœm. *Cana, robusta; palpi vix ascendentes, caput perpaullo superantes, articulo 3o minimo; pedes validi; alæ anticæ angustæ, apice rotundatæ, fusco substrigatæ, vitta discali apice furcata punctisque exterioribus punctisque marginalibus nigris; posticæ albidæ, fere hyalinæ.*

Female. Hoary, stout. Palpi very slightly ascending, extending very little beyond the head; third joint very minute. Abdomen cinereous, extending very little beyond the hind wings. Legs stout. Fore wings narrow, diffusedly streaked with brown, somewhat rounded at the tips; a black discal stripe, which is forked at the tip, and has beyond it a few black points which indicate the submarginal line; marginal points black, exterior border convex, slightly oblique. Hind wings whitish, iridescent, nearly hyaline. Length of the body 5 lines; of the wings 13 lines.

a. St. Domingo. From Mr. Tweedie's collection.

South America.

35. NEPHOPTERYX INDISTINCTALIS.

Fusca ; corpus subtus album ; palpi breves, subascendentes ; antennæ longiusculæ ; abdomen cinereum, alas posticas longe superans ; alæ anticæ angustæ, subacutæ, nigro conspersæ, fasciis tribus nigris nigris nigro marginatis, punctis marginalibus nigris ; posticæ æneo-cinereæ.

Brown, white beneath. Palpi short, slightly ascending. Antennæ rather long. Abdomen cinereous, extending much beyond the hind wings. Fore wings narrow, slightly acute, speckled with black, with three blackish black-bordered bands ; marginal points blackish ; exterior border very oblique. Hind wings æneous-cinereous. Length of the body 5 lines ; of the wings 12 lines.

Brazil. In Mr. Saunders' collection.

36. NEPHOPTERYX BIFASCIALIS.

Fœm. Fuscescente-cinerea ; corpus subtus album ; palpi lanceolati, subascendentes, sat breves ; abdomen alas posticas paullo superans, segmentis pallido marginatis ; alæ anticæ acutæ, sordide ochraceæ, fasciis duabus fuscis albo sabulosis, 1a basali, 2a cinereo marginata antice dilatata, nebulis marginalibus fuscis, punctis marginalibus nigris ; posticæ æneo-cinereæ, subhyalinæ, punctis marginalibus fuscis.

Female. Brownish cinereous, pale beneath. Body white beneath. Proboscis distinct. Palpi lanceolate, very slightly ascending, much shorter than the breadth of the head ; third joint cinereous, less than half the length of the second. Abdomen extending a little beyond the hind wings ; hind borders of the segments pale. Fore wings acute, dull ochraceous, with two dark brown bands, which are sprinkled with white ; first band basal ; second much dilated in front, bordered with pale cinereous ; marginal space partly clouded with brown ; marginal points black. Hind wings æneous-cinereous, slightly hyaline ; marginal points brown. Length of the body 4 lines ; of the wings 10 lines.

Brazil. In Mr. Saunders' collection.

37. NEPHOPTERYX SQUALIDA.

Mas. Cinereo-fusca ; palpi oblique ascendentes, verticem perpaullo superantes, articulo 3o lanceolato ; antennæ basi incras-

satæ ; abdomen alas posticas longe superans ; alæ anticæ angustæ, acutæ, lineis duabus fuscis indistinctis subdentatis, linea submarginali cinerea, punctis marginalibus nigris, spatio costali cano ; posticæ cinereæ, subhyalinæ.

Male. Cinereous-brown, moderately stout. Palpi obliquely ascending, rising very little higher than the vertex; third joint lanceolate, less than half the length of the second. Antennæ stout; first and second joints incrassated. Abdomen extending much beyond the hind wings. Fore wings narrow, acute, with two brown indistinct slightly dentate lines, the second bordering the cinereous submarginal line; costal space diffusedly hoary; marginal points blackish, indistinct. Hind wings cinereous, slightly hyaline. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Rio Janeiro. From Mr. Stephens' collection.

38. NEPHOPTERYX MINUALIS.

Fœm. *Pallide cervina ; palpi lanceolati, graciles, subascendentes, sat longi, fusco trifasciati, articulo 2o subarcuato, 3o longiusculo ; alæ anticæ angustæ, subacutæ, nigro subconspersæ, punctis duobus nigris, linea submarginali nigricante indistincta ; posticæ albæ, fere hyalinæ.*

Female. Pale fawn-colour, paler beneath. Palpi lanceolate, slender, slightly ascending, with three brown bands, nearly as long as the breadth of the head; second joint very slightly curved; third acute, about half the length of the second. Fore wings narrow, slightly acute, thinly and irregularly black-speckled; two black points, one near the interior border, the other in the interior disk; submarginal line blackish, indistinct. Hind wings white, nearly hyaline. Length of the body 3 lines; of the wings 8 lines.

a. Honduras. From Mr. Dyson's collection.

39. NEPHOPTERYX DEPRIVALIS.

Subcervino-cinerea ; alæ anticæ angustæ, nigricante subconspersæ, apice subrotundatæ, linea submarginali subundulata pallide cinerea, punctis marginalibus nigris, margine exteriori obliquo subconvexo ; posticæ albidæ, fere hyalinæ, linea marginali fusca tenui.

Cinereous, with a slight tinge of fawn-colour. Fore wings narrow, slightly rounded at the tips, indistinctly blackish-speckled; a pale cinereous slightly undulating submarginal line; marginal

points black, minute; exterior border slightly convex, moderately oblique. Hind wings whitish, iridescent, nearly hyaline; marginal line brown, slender. Length of the body 3 lines; of the wings 10 lines.

a. Venezuela. From Mr. Dyson's collection.

40. NEPHOPTERYX EXTENSA.

Fœm. Albida, viridi conspersa; palpi oblique ascendentes, verticem paullo superantes, articulo 3o lanceolato; abdomen subtus nigro rufoque conspersum; alæ anticæ lineis duabus interioribus undulatis et atomis viridibus, fascia exteriori rufescente nigro submarginata lineamque denticulatam nigram et albidam includente, puncto discali punctisque marginalibus nigris; posticæ fuscescente-cinereæ.

Female. Whitish. Palpi obliquely ascending, rising a little higher than the vertex; third joint lanceolate, slender, about one-third of the length of the second. Antennæ with black rings. Thorax and fore wings speckled with green. Abdomen speckled beneath with black and red, not extending beyond the hind wings. Legs stout, speckled with black and red. Wings elongate, moderately broad, with elongated blackish points on the fringe. Fore wings somewhat rounded at the tips, with two undulating transverse interior lines formed of green speckles, and with an irregular reddish exterior band, which is partly bordered with black on the inner side, and is intersected by a black and whitish denticulated line; discal point and marginal points black; exterior border convex, moderately oblique. Hind wings brownish cinereous, with a brown marginal line. Length of the body 6 lines; of the wings 16 lines.

Rio Janeiro. In Mr. Fry's collection.

Group N.

Mas et fœm. Palpi pubescentes, sat graciles, oblique ascendentes, verticem paullo superantes; articulus 2us subarcuatus; 3us lanceolatus, parvus. Antennæ maris basi incrassatæ. Abdomen alas posticas perpaullo superans. Alæ anticæ vix acutæ; costa perparum convexa, margine exteriori convexo subobliquo.

Male and female. Palpi pubescent, rather slender, obliquely ascending, rising a little higher than the vertex; second joint slightly curved; third lanceolate, about one-fourth of the length of

the second. Antennæ of the male incrassated towards the base. Abdomen extending very little beyond the hind wings. Fore wings moderately broad, hardly acute; costa very slightly convex; exterior border convex, slightly oblique.

41. NEPHOPTERYX REDUCTELLA.

Mas et fœm. *Cinerea; caput et thoraxque rufescente-cinerea; alæ anticæ nigro subconspersæ, fascia interiore fusca nigro submarginata, linea exteriori fusca denticulata subundulata, spatio medio cano; posticæ æneo-cinereæ.*

Male and female. Cinereous. Head and thorax reddish cinereous. Fore wings thinly black-speckled, with a brown partly black-bordered interior band, and with a brown denticulated slightly undulating exterior line; middle space hoary. Hind wings æneous-cinereous. Length of the body 4 lines; of the wings 12 lines.

a, b. Honduras. From Mr. Miller's collection.

Africa.

42. NEPHOPTERYX RUBIGINALIS.

Fœm. *Rufescente-cinerea; palpi lati, breves, subdecumbentes, subtus fimbriati, articulo 3o minimo; alæ anticæ latiusculæ, subacutæ, nigro subconspersæ, rufo-purpurascente variæ, lineis duabus nigricantibus, 1a postice arcuata, 2a subundulata, costa nigro guttata, punctis marginalibus nigris; posticæ albido-cinereæ.*

Female. Reddish cinereous, stout. Palpi broad, pubescent, slightly decumbent, fringed beneath, much shorter than the breadth of the head; third joint extremely minute. Antennæ rather stout. Abdomen extending a little beyond the hind wings. Wings comparatively broad. Fore wings slightly acute, thinly black-speckled, partly tinged with purplish red; interior and exterior lines blackish; first line upright, curved hindward; second oblique, slightly undulating; costa straight, with black dots; marginal points black; exterior border slightly convex, moderately oblique. Hind wings whitish cinereous. Length of the body 5 lines; of the wings 14 lines.

a. Port Natal. From M. Guenzius' collection.

b. Cape. From M. Dregé's collection.

Sect. N.

Fœm. Corpus crassum. Proboscis obsoleta. Palpi robusti, porrecti, læves, caput paullo superantes; articulus 3us conicus, minimus. Antennæ sat validæ. Pedes læves, sat validi. Alæ anticæ elongatæ, sat latæ, apice rotundatæ.

43. NEPHOPTERYX? SPOLIATA.

Fœm. *Cervina*; alæ anticæ fuscescente conspersæ, cinereo nebulosæ, vitta subcostali obscuriore, vitta discali pallide cinerea apicem versus arcuata; posticæ pallide cinereæ, semihyalinæ.

Female. Fawn-coloured. Body thick. Proboscis obsolete. Palpi robust, porrect, smooth, extending a little beyond the head; third joint conical, very minute, hardly one-sixth of the length of the second. Antennæ rather stout. Legs smooth, rather stout; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings somewhat rounded at the tips, brown-speckled, minutely mottled with cinereous, with a darker subcostal stripe, which is limited hindward by a pale cinereous stripe, the latter curved towards the tip of the wing; exterior border slightly convex, moderately oblique. Hind wings pale cinereous and semihyaline towards the base. Length of the body 5 lines; of the wings 12 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

Asia.

44. NEPHOPTERYX PALLICOSTALIS.

Fœm. *Sordide rufescens*; palpi sat graciles, subarcuati, oblique ascendentes, verticem non superantes, articulo 3o lanceolato; alæ anticæ angustæ, apice rotundatæ, costa pallide cinerea, margine exteriori convexo perobliquo; posticæ albidæ, fere hyalinæ.

Female. Dull reddish, cinereous beneath. Palpi rather slender, slightly curved, obliquely ascending, not rising higher than the vertex; third joint lanceolate, half the length of the second. Abdomen extending beyond the hind wings. Fore wings narrow, rounded at the tips; costa pale cinereous; exterior border convex, very oblique. Hind wings whitish, iridescent, nearly hyaline. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. South Hindostan. Presented by M. J. Walhouse, Esq.

45. NEPHOPTERYX MERIDIONALIS.

Mas. *Rufescente-cinerea; caput albidum; antennæ validæ, setulosæ, pubescentes; abdomen alas posticas superans; alæ anticæ nigro subconspersæ, apice subrotundatæ, lineis exteriori et submarginali nigris, 1a valde abbreviata, 2a undulata, linea adhuc exteriori fusca denticulata, litura discali informi, punctis marginalibus nigris; posticæ cinereæ, linea marginali fusca.*

Male. Reddish cinereous. Head whitish. Antennæ stout, minutely setulose and pubescent. Abdomen extending beyond the hind wings. Fore wings moderately broad, thinly black-speckled, slightly rounded at the tips; exterior and submarginal lines black, the first extending from the costa nearly to the middle, the second undulating, with a brown denticulated line on the outer side; discal mark composed of a few diffuse brown and black points, close to the inner side of the exterior line; marginal points black; exterior border slightly convex and oblique. Hind wings cinereous, slightly hyaline; marginal line brown; fringe interlined with brown near the base. Length of the body 4 lines; of the wings 8 lines.

a. Hindostan. From Archdeacon Clark's collection.

46. NEPHOPTERYX? ETOLUSALIS.

Fœm. *Fusca; palpi oblique ascendentes, verticem vix superantes, articulo 3o conico longiusculo; abdomen alas posticas sat superans; pedes robusti; alæ anticæ angustæ, apice rotundatæ, lineis e punctis nigris pallido marginatis, plaga postica albido-cinerea, reniformi subquadrata pallido marginata; posticæ fuscescente-cinereæ.*

Female. Brown, brownish cinereous beneath. Palpi obliquely ascending, hardly rising above the vertex; third joint acutely conical, less than half the length of the second. Abdomen cinereous, extending some distance beyond the hind wings. Legs stout; spurs very long. Fore wings narrow, rounded at the tips, extremely oblique along the exterior border; lines indistinct and incomplete, represented by black pale-bordered points; a subquadrate whitish cinereous patch extending from the interior border to the reniform mark, which has a pale incomplete subquadrate border. Hind wings brownish cinereous. Length of the body 4 lines; of the wings 10 lines.

Ceylon. In Mr. Layard's collection.

47. NEPHOPTERYX? HARPAHALIS.

Mas. *Cinerea*; palpi oblique ascendentes, articulo 3o longo lineari; abdomen alas posticas fere dimidio superans; alæ anticæ subacutæ, lineis fuscescentibus undulatis denticulatis indistinctis valde obliquis pallido marginatis, linea marginali nigricante, punctis costalibus subapicalibus albidis, margine interiore basi subconvexo; posticæ linea submarginali pallida indistincta.

Male. Cinereous, a little paler beneath. Palpi obliquely ascending; third joint linear, rounded at the tip, more than half the length of the second. Abdomen extending for nearly half its length beyond the hind wings. Fore wings a little broader than those of *N. Etolusalis*, more acute at the tips, and slightly convex towards the base of the interior border; lines brownish, very oblique, undulating, denticulated, indistinct, pale-bordered; marginal line blackish; costal subapical points whitish. Hind wings with an indistinct pale submarginal line. Length of the body $5\frac{1}{2}$ lines; of the wings 11 lines.

Ceylon. In Mr. Layard's collection.

48. NEPHOPTERYX? CYLLUSALIS.

Fœm. *Cinereo-fusca*, *N. Etolusali affinis*; alæ anticæ lineis nigris deviis rugosis cinereo marginatis, linea exteriori valde flexa, reniformi e punctis nigris, plaga postica cinerea indistincta lineam nigram angulatam includente, strigis submarginalibus cinereis, linea marginali nigra interrupta; posticæ hyalinæ, fusco late marginatæ.

Female. Cinereous-brown, more cinereous beneath, like *N. Etolusalis* in structure. Fore wings with black irregular cinereous-bordered partly raised mostly complete lines; exterior line much bent, its hind part more distinct than the other lines; reniform mark indicated by a few black points; an indistinct cinereous patch by the middle of the interior border, traversed by an angular black line, whereas the corresponding line in *N. Etolusalis* is straight; submarginal streaks cinereous; marginal line black, interrupted. Hind wings vitreous, with broad brown borders. Length of the body 4 lines; of the wings 10 lines.

Ceylon. In Mr. Layard's collection.

49. NEPHOPTERYX? ACISALIS.

Mas. *Fusca*, *N. Etolusali affinis*; *palpi porrecti*; *alæ anticæ lineis nigris punctularibus cinereo marginatis, linea marginali interrupta, reniformi cinerea strigam nigram includente.*

Male. Brown, brownish cinereous beneath, in structure like *N. Etolusalis* and *N. Cyllusalis*, excepting the exterior border of the fore wings, which is hardly oblique in the fore part. Palpi porrect. Fore wings with black irregular cinereous-bordered lines, which are partly composed of black points; marginal line interrupted; reniform mark cinereous, including a black streak. Hind wings as dark as the fore wings. Length of the body $4\frac{1}{2}$ lines; of the wings 9 lines.

a. Ceylon. From M. Neitner's collection.

50. NEPHOPTERYX? ARGIADESALIS.

Mas. *Fusca*, *N. Acisali affinis*; *alæ anticæ cano tinctæ, lineis punctularibus plagaque postica nigris.*

Male. Brown, brownish cinereous beneath, in structure like *N. Acisalis*. Fore wings tinged with hoary, more especially along the black lines, which are much like those of *N. Acisalis*; a black patch by the interior border at a little before the middle. Hind wings brown. This may be a variety of *N. Acisalis*, but the latter species has no trace of the patch. Length of the body 4 lines; of the wings 10 lines.

Ceylon. In Mr. Layard's collection.

51. NEPHOPTERYX? ÆOLUSALIS.

Fæm. *Cana*; *caput et thorax anticus nigro-fusca*; *palpi porrecti, articulo 3o conico*; *abdomen fuscescente-cinereum*; *alæ anticæ apice rotundatæ, lineis fuscis denticulatis subobsoletis, spatio exteriori fusco, linea submarginali cana denticulata, lunulis marginalibus obscure fuscis cano marginatis, margine exteriori perobliquo.*

Female. Hoary. Head and fore part of the thorax blackish brown. Palpi porrect; third joint conical, not more than one-third of the length of the second. Abdomen, hind wings and under side brownish-cinereous. Fore wings with indistinct traces of denticulated brown lines; exterior part mostly brown; submarginal line hoary, denticulated; marginal lunules dark brown, hoary-bordered;

tips rounded ; exterior border very oblique. Length of the body $4\frac{1}{2}$ lines ; of the wings 9 lines.

Ceylon. In Mr. Layard's collection.

52. NEPHOPTERYX? MUNDELLALIS.

Mas. *Fuscescente-cinerea, sat gracilis ; fasciculus frontalis subproductus ; proboscis nulla ; palpi robusti, oblique ascendentes, verticem non superantes ; antennæ basi incrassatæ ; alæ anticæ angustæ, apice rotundatæ, fascia media spatiosiusque marginali fuscis lineas duas cinereas includentibus, punctis marginalibus nigris ; posticæ linea subtus fusca submarginali indistincta.*

Male. Brownish cinereous, rather slender. Frontal tuft slightly prominent. Proboscis obsolete. Palpi robust, obliquely ascending, not rising higher than the vertex ; third joint extremely minute. Antennæ smooth, rather stout ; first and second joints incrassated. Abdomen tapering, extending much beyond the hind wings ; apical tuft very small. Fore wings narrow, rounded at the tips ; middle band dark brown, including a cinereous angular line ; marginal space dark brown, enclosing the cinereous denticulated submarginal line ; marginal points black. Hind wings shining ; under side with an indistinct brown submarginal line. Length of the body 5 lines ; of the wings 10 lines.

a. Shanghai. From the Entomological Society's collection.

Australasia.

53. NEPHOPTERYX MUNDALIS.

Fœm. *Fuscescente-cinerea ; palpi subarcuati, oblique ascendentes, verticem non superantes, articulo 3o lanceolato ; alæ anticæ angustæ, apice subrotundatæ, lineis duabus e guttis quatuor nigris, linea submarginali cinerea subrecta, punctis marginalibus nigris ; posticæ albidæ, semihyalinæ.*

Female. Brownish cinereous. Palpi slightly curved, obliquely ascending, not rising higher than the vertex ; third joint lanceolate, more than half the length of the second. Abdomen tapering, extending a little beyond the hind wings ; oviduct exerted. Fore wings narrow, slightly rounded at the tips, with two transverse lines, each of which is hardly visible, with the exception of two diffuse blackish dots ; submarginal line cinereous, nearly straight ;

marginal points black, minute. Hind wings whitish, semihyaline. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

a. Ceram. From Mr. Wallace's collection.

54. NEPHOPTERYX VALIDELLA.

Fœm. Cinerea; palpi erecti, arcuati, lanceolati; antennæ robustæ; alæ anticæ rufescente subinctæ, apice subrotundatæ, lineis undulatis albido-cinereis, gutta discali elongata nigricante, punctis marginalibus nigris.

Female. Cinereous, moderately stout. Proboscis distinct. Palpi smooth, vertical, curved, lanceolate, rising rather higher than the head, to which they are applied; third joint less than half the length of the second. Antennæ stout. Thorax smooth. Abdomen extending rather beyond the hind wings. Legs stout, smooth; hind tibiæ with four long spurs. Fore wings slightly rounded at the tips, with a reddish tinge, and with three undulating whitish cinereous lines; an oblong blackish discal dot between the first and second lines; marginal points black; costa somewhat rounded exteriorly; exterior border convex, hardly oblique. Hind wings semihyaline. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

55. NEPHOPTERYX PROXIMALIS.

Fœm. Rufescente-cinerea; palpi oblique ascendentes; alæ anticæ ferrugineo variæ, apice subrotundatæ, lineis duabus subundulatis pallide cinereis, punctis marginalibus nigris; posticæ pallide cinereæ, semihyalinæ.

Female. Reddish cinereous, rather stout. Proboscis obsolete. Palpi robust, obliquely ascending, rising higher than the vertex; third joint conical, hardly one-fourth of the length of the second. Thorax smooth. Abdomen extending a little beyond the hind wings. Legs thick, smooth; hind tibiæ with four long spurs. Fore wings somewhat rounded at the tips, partly overspread with ferruginous, which hue is traversed by two pale cinereous slightly undulating lines, one interior, the other towards the exterior border; marginal points black; exterior border convex, hardly oblique. Hind wings pale cinereous, semihyaline. Length of the body 5 lines; of the wings 13 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

56. NEPHOPTERYX SIGNIFERA.

Mas. *Pallide cinereo-cervina, robusta; palpi ascendentes, arcuati, articulo 3o lanceolato; antennæ subpubescentes, basi incrassatæ; pedes validi, tibiis posticis subfimbriatis; alæ anticæ subacutæ, costa interiore albida, fascia exteriori lata pallide cervina strigam nigram arcuatam includente, linea submarginali arcuata pallide cinerea, punctis marginalibus nigris, costa interiore incrassata; posticæ pallide cinereæ, subhyalinæ, costa fuscescente.*

Male. Pale cinereous fawn-colour, stout. Palpi ascending, curved over the front, not rising higher than the vertex; third joint lanceolate, minute, not more than one-fourth of the length of the second. Antennæ minutely pubescent, incrassated at the base. Abdomen extending a little beyond the hind wings. Legs stout; hind tibiæ slightly fringed. Wings elongate, rather narrow. Fore wings slightly acute, whitish along the interior part of the costa; a broad pale fawn-coloured exterior band, which contains a curved black discal streak; submarginal line pale cinereous, curved outward; marginal points black; interior part of the costa incrassated, containing a tuft of long hairs; exterior border slightly convex, moderately oblique. Hind wings pale cinereous, slightly hyaline, brownish along the costa. Length of the body $5\frac{1}{2}$ lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

57. NEPHOPTERYX INDECISA.

Fœm. *Pallide cinerea; palpi erecti, subarcuati, verticem perpaullo superantes, articulo 3o longi-conico; alæ anticæ subacutæ, nigro ex parte conspersæ, extus ferrugineæ, linea media nigra; posticæ cinereæ, subhyalinæ.*

Female. Pale cinereous, slightly brownish beneath. Palpi erect, slightly curved, rising very little higher than the vertex; third joint elongate-conical, less than half the length of the second. Abdomen hardly extending beyond the hind wings. Wings elongate, rather narrow. Fore wings slightly acute, mostly ferruginous exteriorly, with a few black speckles towards the base, and with a black transverse middle line; exterior part with very few black speckles; exterior border slightly convex, rather oblique. Hind wings cinereous, slightly hyaline, with an æneous tinge. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

58. NEPHOPTERYX? RUDISELLA.

Fœm. *Cinerea, ferrugineo varia; alæ anticæ subelongatæ, vix acutæ, nigro conspersæ, fascia media pallidior subangulata, margine exteriori rotundato subobliquo; posticæ fuscæ, apud costam interiorem pallide cinereæ.*

Female. Cinereous, varied with ferruginous. Wings slightly elongated. Fore wings hardly acute, irregularly speckled with black, with a broad paler slightly angular middle band; the speckles are mostly along the borders of this band or along the exterior border; exterior border slightly oblique, slightly protuberant in the middle. Hind wings brown, pale cinereous along the basal half of the costa. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

The specimen here described is so mutilated that its generic characters cannot be well ascertained. It may form a new genus.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

59. NEPHOPTERYX PATULALIS.

Fœm. *Ferruginea; palpi porrecti, vix ascendentes, caput superantes, articulo 2o piloso, 3o lineari; antennæ basi robustæ; alæ anticæ latiusculæ, apice rotundatæ, cano variæ, punctis duobus discalibus nigricantibus, punctis marginalibus nigris; posticæ cinereæ.*

Female. Ferruginous. Palpi porrect, hardly ascending, extending somewhat beyond the head; second joint stout, pilose; third linear, full half the length of the second. Antennæ stout at the base. Abdomen cinereous, extending rather beyond the hind wings. Wings rather broad; fringe broad. Fore wings rounded at the tips, irregularly varied with hoary; two blackish discal points; marginal points black, distinct; exterior border convex, moderately oblique. Hind wings cinereous. Length of the body 6 lines; of the wings 13 lines.

a. Australia. From Mr. Damel's collection.

Genus 23. PEMPELIA.

Pempelia, Hb.

Europe and the neighbouring regions.

1. PEMPELIA ZINCKENELLA.

Zinckenella, *Tr.*—colonellus, *Cta.*—majorellus, *Cta.*—etiella, *Tr.*

2. PEMPELIA FUMELLA.

fumella, *Ev.*

3. PEMPELIA EUPHORBIELLA.

euphorbiella, *Zl.*—albiricella, *H.-S.*

4. PEMPELIA SORORIELLA.

sororiella, *Zl.*

5. PEMPELIA THYMIELLA.

thymiella, *Zl.*

6. PEMPELIA HOSTILIS.

hostilis, *St.*—adelphella, *F. R.*

a, b. England. From Mr. Stephens' collection.

7. PEMPELIA FORMOSA.

formosa, *Hw.*—perfluella, *Zk.*

a—c. England. From Mr. Stephens' collection.

d—g. England. From Mr. Chant's collection.

8. PEMPELIA BETULÆ.

betulæ, *Goeze.*—obtusella, *Zk.*—tristrigella, *St.*—Christella, *Frr.*
—holosericella, *F. R.*

a. England. From Mr. Stephens' collection.

b—e. England.

f, g. Germany. From M. Himmighofen's collection.

9. PEMPELIA SUBORNATELLA.

subornatella, *Dp.*—serpylletorum, *Zl.*

a. Europe. From M. Becker's collection.

10. PEMPELIA HISPANELLA.

hispanella, *Std.*—hispaniella, *H.-S.*

11. PEMPELIA ADORNATELLA.

adornatella, *Tr.*

12. PEMPELIA ORNATELLA.

ornatella, *W. V.*—criptella, *Hb.*—criptea, *Hw.*

a, c. England. From Mr. Stephens' collection.

d, e. England. From Mr. Foxcroft's collection.

f—h. England.

i, j. Germany. From M. Himmighofen's collection.

k. Italy. From Dr. Leach's collection.

13. PEMPELIA INTEGELLA.

integella, *Std.*

14. PEMPELIA CISTELLA.

cistella, *Mill.*

15. PEMPELIA OBDUCTELLA.

obductella, *F. R.*—dilutella, *Dp.*—inscriptella, *Dp.*—origanella, *Schl.*

a—f. England. From Mr. Stephens' collection.

g. England. From Mr. Bouchard's collection.

h, i. Europe. From M. Becker's collection.

16. PEMPELIA FÆCELLA.

fæcella, *Zl.*

17. PEMPELIA FUSCA.

fusca, *Hw.*—janthinella, *Dp.*—carbonariella, *F. R.*—posticella, *Ztt.*

a—e. England. From Mr. Stephens' collection.

f—k. England. From Mr. King's collection.

l—o. England. From Mr. Bouchard's collection.

18. PEMPELIA COMBUSTELLA.

combustella, *H.-S.*

19. PEMPELIA PALUMBELLA.

palumbella, *W. V.*—contubernella, *Hb.*—contubernea, *Hw.*—cinerea, *Wtw.*

a—i. England. From Mr. Stephens' collection.

j—l. England. From Mr. Chant's collection.

m, n. England.

20. PEMPELIA ALBARIELLA.

albariella, Zl.

21. PEMPELIA NUCLEOLELLA.

nucleolella, Msch.

22. PEMPELIA GEMINELLA.

geminella, Ev.

23. PEMPELIA TURTURELLA.

turturella, Zl.

24. PEMPELIA CINGILLELLA.

cingillella, Zl.

25. PEMPELIA DIONYSIA.

Dionysia, Zl.

26. PEMPELIA LEUCOCHRELLA.

leucochrella, H.-S.

Asia.

27. PEMPELIA CAUTELLA.

Fœm. *Cervina*; *palpi erecti, verticem vix superantes, articulo 2o arcuato, 3o lanceolato; antennæ graciles; alæ anticæ angustæ, apice rotundatæ, punctis marginalibus nigricantibus, margine exteriori perobliquo; posticæ cinereæ, semihyalinæ, linea marginali fusca.*

Female. Fawn-colour. Proboscis stout. Palpi erect, hardly rising higher than the vertex; second joint curved; third lanceolate, shorter than the second. Antennæ slender. Fore wings narrow, rounded at the tips; marginal points blackish; exterior border very oblique. Hind wings cinereous, semihyaline, with a brown marginal line. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

a. Ceylon. Presented by Dr. Templeton.

28. PEMPELIA? ADAPTELLA.

Mas. *Cervina* ; *fasciculus frontalis productus* ; *abdomen alas posticas longe superans* ; *pedes læves, sat graciles* ; *alæ anticæ longæ, perangustæ, sordide flavescentes, nigro conspersæ, apice subrotundatæ, margine exteriori perobliquo* ; *posticæ albidae, semihyalinæ.*

Male. Fawn-colour, cinereous beneath. Frontal tuft prominent. Abdomen cinereous, extending much beyond the hind wings ; apical tuft small. Legs smooth, rather slender ; hind tibiæ with four moderately long spurs. Wings long, very narrow. Fore wings dingy yellowish, minutely black-speckled, slightly rounded at the tips ; exterior border extremely oblique. Hind wings whitish, semihyaline. Length of the body $4\frac{1}{2}$ lines ; of the wings 10 lines.

a. Ceylon. From M. Nietner's collection.

Genus 24. EURHODOPE.

Ilithyia, Latr.—Eurhodope, Hb.

1. EURHODOPE SEMIRUBELLA.

semirubella, Sc.—carnella, L.—sanguinella, Hb.—carnea, Hw.

a—k. England. From Mr. Stephens' collection.

l—p. England.

q—t. Europe. From M. Becker's collection.

v. North Hindostan. Presented by Capt. Strachey.

u, w. China. Presented by G. T. Laye, Esq.

x—z. Shanghai. From the Entomological Society's collection.

2. EURHODOPE LATERITIALIS.

Fœm. *Lateritia* ; *palpi graciles, subfimbriati, oblique ascendentes, verticem non superantes, articulo 2o arcuato, 3o lanceolato* ; *alæ anticæ angustæ, vix acutæ, nigricante plus minusve strigatæ aut nebulosæ, costa albida* ; *posticæ cinereæ, subhyaline, linea marginali nigra.*

Female. Brick-red, moderately stout, cinereous beneath. Palpi slender, obliquely ascending, slightly fringed, not rising higher than the vertex ; second joint curved ; third lanceolate, hardly half the length of the second. Antennæ slender. Abdomen cinereous. Wings with a pale cinereous fringe. Fore wings narrow, hardly

acute, more or less streaked or shaded with blackish; costa whitish. Hind wings cinereous, slightly hyaline; marginal line black. Length of the body 3 lines; of the wings 10 lines.

a—d. Ceylon. From M. Nietner's collection.

Genus 25. PROSMIXIS.

Prosmixis, *Zl.*—*Pempelia*, *Hb.*

1. PROSMIXIS QUERCELLA.

quercella, *W. V.*—*noctuella*, *Hb.*—*neglectella*, *Hb.*

Genus 26. POGONOTROPHA.

Pogonotropha, *Zl.*

1. POGONOTROPHA WAHLBERGI.

Wahlbergi, *Zl.*
South Africa.

Genus 27. EPICROSIS.

Epicrosis, *Zl.*

1. EPICROSIS FESTIVELLA.

festivella, *Zl.*

South Africa. Java.

Genus 28. SURATTHA.

Fœm. Corpus vix robustum. Proboscis obsoleta. Palpi labiales porrecti, validi, dense vestiti, capitis latitudine non breviores; articulus 3us longi-conicus. Palpi maxillares brevissimi. Antennæ robustæ. Abdomen alas posticas paullo superans. Pedes longiusculi, sat graciles. Alæ anticæ elongatæ, acutæ, margine exteriori subconvexo, vix obliquo.

Female. Body hardly stout. Proboscis obsolete. Labial palpi porrect, stout, densely clothed, as long as the breadth of the head; third joint elongate-conical, hardly one-third of the length of the second. Maxillary palpi very short. Antennæ stout. Abdomen extending a little beyond the hind wings. Legs smooth, rather long and slender; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings acute; costa straight; exterior border slightly convex, very slightly oblique.

1. SURATTHA INVECTALIS.

Fœm. *Cinereo-rufescens*; *alæ anticæ nigro substrigatæ et subnebulosæ, lineis duabus pallidis, 1a abbreviata, 2a denticulata bene determinata, lunula discali albida, punctis marginalibus nigris; posticæ cinereæ.*

Female. Cinereous-reddish, cinereous beneath. Fore wings slightly streaked and clouded with black; two slightly paler reddish lines, of which the first is incomplete and the second is denticulated, more strongly marked and nearly complete; a whitish lunule between the lines; marginal points black, very distinct. Hind wings cinereous. Length of the body 5 lines; of the wings 12 lines.

a. ——— ?

Genus 29. STANTIRA.

Mas. Corpus sat gracile. Proboscis brevis. Palpi porrecti, lanceolati, longiusculi, latiusculi; articulus 3us longi-conicus, 2o brevior. Antennæ glabræ. Abdomen alas posticas longe superans. Pedes læves, validi. Alæ anticæ elongatæ, sat angustæ, vix acutæ, costa recta, basi subconvexa.

Male. Body rather slender. Proboscis short. Palpi porrect, lanceolate, rather broad, nearly contiguous, hardly acute, longer than the breadth of the head; third joint elongate-conical, shorter than the second. Antennæ smooth. Abdomen extending much beyond the hind wings. Legs stout, smooth; hind tibiæ with four long spurs. Wings elongate, rather narrow. Fore wings hardly acute; costa straight, slightly convex towards the base; exterior border slightly convex and oblique.

1. STANTIRA VARIEGATA.

Mas. *Rufescente-cinerea, capite et thorace nigricante-cinereis, alis punctis marginalibus nigris, alis anticis apud costam nigricante-cinereis, punctis costalibus exterioribus nigris, alis posticis albido-cinereis, gutta discali nigricante.*

Male. Reddish cinereous, whitish cinereous beneath. Head and thorax blackish cinereous. Wings with black marginal points. Fore wings irregularly blackish cinereous along the costa, which has black points towards the tip. Hind wings whitish cinereous, with a blackish discal dot. Length of the body 6 lines; of the wings 12 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

Genus 30. NIGRAMMA.

Fœm. Corpus sat crassum. Fasciculus frontalis productus. Proboscis brevis, gracilis. Palpi læves, ascendentes, verticem superantes; articulus 3us lanceolatus, 2i dimidio non brevior. Abdomen alas posticas superans. Pedes læves, longiusculi, sat graciles; tibiæ posticæ calcaribus quatuor longissimis. Alæ longæ, angustæ; anticæ acutæ, margine exteriori subconvexo perobliquo.

Female. Body moderately stout. Frontal tuft rather prominent. Proboscis short, slender. Palpi smooth, erect, longer than the breadth of the head, and rising much above the vertex; third joint lanceolate, about half the length of the second. Antennæ smooth. Abdomen extending beyond the hind wings. Legs smooth, rather long and slender; hind tibiæ with four very long spurs. Wings long, narrow. Fore wings acute; costa straight; exterior border slightly convex, very oblique.

This genus is nearly allied to *Stenopteryx*, and the latter is probably one of the *Phycidæ*.

1. NIGRAMMA QUADRATIFERA.

Fœm. *Fuscescente-cinerea; alæ anticæ fascia interiore extus dilatata fasciæque basali tenui nigris, litura discali e strigis tribus nigris, linea submarginali nigra denticulata interrupta, punctis marginalibus nigricantibus.*

Female. Brownish cinereous. Fore wings with an interior black band, which is dilated into a patch on the outer side, and with a slender black band near the base; discal mark composed of three short transverse black streaks; submarginal line black, denticulated, incomplete; marginal points blackish. Length of the body 6 lines; of the wings 17 lines.

a. ———?

Genus 31. SEBUNTA.

Mas. Corpus vix robustum. Palpi porrecti, lati, breviusculi, subrostriformes; articulus 3us brevissimus. Antennæ basi non incrassatæ. Abdomen alas posticas paullo superans; fasciculus apicalis parvus. Alæ anticæ elongatæ, vix acutæ, costa recta, margine exteriori convexo.

Male. Body hardly stout. Palpi porrect, broad, subrostriform, much shorter than the breadth of the head, not acute; third joint extremely short. Antennæ not incrassated at the base. Ab-

domeu extending a little beyond the hind wings; apical tuft small. Wings elongated, moderately broad. Fore wings hardly acute; costa straight; exterior border convex, moderately oblique.

1. SEBUNTA GUTTULOSA.

Mas. *Cinerea, fusco conspersa; caput subtus pectusque albida; alæ anticæ lineis duabus incompletis nigris fusco nebulosis.*

Male. Cinereous. Head and thorax speckled with brown, or mostly brown. Head beneath and pectus whitish. Wings slightly iridescent. Fore wings largely and transversely brown-speckled; two dentate incomplete black lines, which are more or less shaded with brown. Hind wings speckled like the fore wings. Length of the body 5—6 lines; of the wings 14—16 lines.

a. United States. Presented by E. Doubleday, Esq.

b, c. Nova Scotia. From Lieut. Redman's collection.

d. Orilla, West Canada. From Mr. Bush's collection.

Genus 32. TRISIDES.

Mas. Corpus gracile. Frons producta. Proboscis conspicua. Palpi sat graciles, oblique ascendentes, verticem paullo superantes; articulus 3us lanceolatus, 2o paullo brevior. Antennæ pubescentes. Abdomen alas posticas superans; fasciculus apicalis parvus, subcompressus. Pedes læves, graciles; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ elongatæ, angustæ, apice subrotundatæ, margine exteriori valde convexo vix obliquo.

Male. Body slender. Front prominent. Proboscis distinct. Palpi rather slender, obliquely ascending, rising a little higher than the vertex; third joint lanceolate, a little shorter than the second. Antennæ pubescent. Abdomen tapering, extending beyond the hind wings; apical tuft small, slightly compressed. Legs slender, smooth; hind tibiæ with four long spurs. Wings elongate. Fore wings narrow, slightly rounded at the tips; exterior border very convex, hardly oblique.

1. TRISIDES BISIGNATA.

Mas. *Cinereo-fusca; alæ anticæ macula apud marginem interiori albida magna oblonga; posticæ cinereæ, semihyalinæ.*

Male. Cinereous-brown. Abdomen cinereous. Fore wings with a large oblong whitish spot on the interior border at a little

before the middle. Hind wings cinereous, semihyaline, with a slight æneous tinge. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 33. UFA.

Mas. Corpus sat validum. Caput penicillis duobus lateralibus. Proboscis conspicua. Palpi quatuor lanceolati, capitis latitudine paullo breviores; articulus 3us parvus; labiales porrecti; maxillares oblique ascendentes. Antennæ validæ, glabræ; articulus 1us et 2us incrassati. Alæ anticæ longæ, angustæ, apice subrotundatæ, margine exteriori obliquo subconvexo.

Male. Body moderately stout. Head with a small penicillate tuft on each side at the base of the palpi. Proboscis distinct. Palpi lanceolate, a little shorter than the breadth of the head; third joint minute. Labial palpi porrect. Maxillary palpi obliquely ascending, a little longer than the labial palpi. Antennæ stout, smooth, incrassated towards the base. Fore wings long, narrow, slightly rounded at the tips; exterior border slightly convex, moderately oblique.

1. UFA VENEZUELALIS.

Mas. *Pallidissime cervina; palpi apice nigrificantes; alæ anticæ strigis duabus aut tribus fasciæque submarginali nigrificantibus diffusis, punctis tribus discalibus nigris; posticæ albidæ, iridescentes, fere hyalinæ.*

Male. Very pale fawn-colour. Palpi with blackish tips. Fore wings with two or three diffuse blackish streaks, and with a diffuse straight oblique blackish submarginal band; three black discal points, two of which are in a longitudinal line, and the third is hindward. Hind wings whitish, iridescent, nearly hyaline. Length of the body 3 lines; of the wings 8 lines.

a. Venezuela. From Mr. Dyson's collection.

Genus 34. ASSARA.

Mas. Corpus sat gracile. Proboscis conspicua. Palpi arcuati, ascendentes, caput posticum attingentes; articulus 3us lanceolatus. Antennæ robustæ, glabræ. Abdomen alas posticas non superans. Pedes validi, læves; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ sat latæ, apice rotundatæ, costa recta, margine exteriori subconvexo subobliquo.

Male. Body rather slender. Proboscis distinct. Palpi curved, ascending, extending to the hind part of the vertex; third joint lanceolate, much shorter than the second. Antennæ stout, smooth. Abdomen not extending beyond the hind wings. Legs stout, smooth; hind tibiæ with four long spurs. Wings comparatively broad. Fore wings somewhat rounded at the tips; costa straight; exterior border slightly convex and oblique.

1. ASSARA ALBICOSTALIS.

Mas. *Fuscescente-cinerea; pedes albidii; alæ anticæ ferrugineæ, vitta costali alba, lituris posterioribus nigricantibus, linea submarginali cinerea denticulata; posticæ subhyalinæ.*

Male. Brownish cinereous, shining, rather slender. Palpi slender, curved, ascending higher than the vertex; third joint lanceolate, much shorter than the second. Antennæ stout at the base. Abdomen extending beyond the hind wings. Legs whitish, stout, rather short; hind tibiæ with four moderately long spurs. Wings comparatively short and broad; fringe pale cinereous. Fore wings ferruginous, with a white costal stripe, which does not extend to the base nor to the tip, and has an irregular hind border, the latter is accompanied by a few minute blackish marks; submarginal line cinereous, denticulated. Hind wings very slightly hyaline. Length of the body 4 lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 35. GUASTICA.

Mas. Corpus sat robustum. Palpi arcuati; articulus 3us lanceolatus, 2i dimidio brevior. Antennæ validæ, basi incrassatæ. Abdomen alas posticas paullo superans. Pedes validi, læves; tibiæ posticæ calcaribus quatuor sat longis. Alæ anticæ apice vix rotundatæ.

Male. Body moderately stout. Palpi curved; third joint lanceolate, less than half the length of the second. Antennæ stout, incrassated at the base. Abdomen extending a little beyond the hind wings. Legs stout, smooth; hind tibiæ with four moderately long spurs. Wings moderately broad; fringe long, full. Fore wings hardly rounded at the tips.

1. GUASTICA SEMILUTEA.

Mas. *Ferrugineo-rufa* ; *alæ anticæ apud costam purpurascences, basi luteæ, lineis duabus submarginalibus denticulatis pallide purpurascensibus ; posticæ cinereæ, semihyalinæ.*

Male. Ferruginous-red, shining. Abdomen cinereous. Fore wings irregularly pale purplish along the costa, luteous towards the base ; two denticulated submarginal pale purplish lines. Hind wings cinereous, semihyaline, with a slight æneous tinge. Length of the body 4 lines ; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 36. ADDYME.

Mas. Corpus vix robustum. Proboscis obsoleta. Palpi labiales subarcuati, subascendentes, capitis latitudine paullo longiores ; articulus 2us latus ; 3us longi-conicus, parvus. Palpi maxillares breves, ascendentes. Antennæ glabræ ; articuli 1us et 2us valde incrassati. Abdomen alas posticas superans. Pedes breves, validi ; tibiæ posticæ quadricalcaratæ, basi fasciculatæ. Alæ anticæ elongatæ, angustæ, acutæ ; costa basi subtus dense fimbriata.

Male. Body hardly stout. Proboscis obsolete. Maxillary palpi short, ascending. Labial palpi slightly curved and ascending, a little longer than the breadth of the head ; second joint broad ; third elongate-conical, not more than one-fourth of the length of the second. Antennæ smooth ; first and second joints much incrassated. Abdomen extending beyond the hind wings. Legs short, stout ; hind tibiæ with a tuft of long hairs at the base and with four long spurs. Wings elongate. Fore wings narrow, acute, densely fringed beneath along the costa towards the base.

1. ADDYME OCCULTANS.

Mas. *Cervino-cinerea* ; *antennæ basi palpique maxillares nigricantia ; alæ anticæ vitta subtus lata nigra, costa basi convexa ; posticæ cinereæ, subhyalinæ.*

Male. Cinereous, tinged with fawn-colour. Antennæ blackish towards the base. Maxillary palpi blackish. Fore wings beneath with a broad black costal stripe, which extends along half the length from the base ; costa convex towards the base ; exterior border hardly convex, rather oblique. Hind wings cinereous, slightly hyaline. Length of the body 5 lines ; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 37. ARRADE.

Fœm. Corpus sat gracile. Proboscis brevis. Palpi porrecti, vix arcuati, capitis latitudine non breviores; articulus 2us subfimbriatus; 3us lanceolatus, 2i dimidio brevior. Antennæ graciles. Abdomen lanceolatum, alas posticas superans. Pedes longi, graciles, tarsis anticis basi tibiisque anticis dense fimbriatis. Alæ anticæ angustæ, elongatæ, apice subrotundatæ, margine exteriori antico subconcavo, margine interiori apicali fimbria excavata.

Female. Body smooth, rather slender. Front somewhat hirsute. Proboscis short. Palpi porrect, hardly curved, as long as the breadth of the head; 2nd joint with a short fringe above; third lanceolate, less than half the length of the second. Antennæ slender, not stout at the base. Abdomen lanceolate, extending somewhat beyond the hind wings. Legs smooth, long, slender; fore tarsi towards the base and fore tibiæ densely fringed; hind tibiæ with four very long spurs. Wings narrow, elongate. Fore wings slightly rounded at the tips; costa straight; exterior border moderately oblique, slightly concave in front; apical part of the interior border with a fringe, which is excavated in the middle.

1. ARRADE EREBUSALIS.

Fœm. *Cervina*; alæ anticæ lineis tribus e punctis elongatis nigris intus cinereo pallido marginatis, 1a subrecta, 2a valde flexa, 3a undulata, linea marginali nigra; posticæ sordide cinereæ.

Female. Fawn-colour, paler beneath. Wings with a short fringe. Fore wings with three black lines, which are composed of elongated points, and are bordered with pale cinereous on the inner side; first line oblique, nearly straight; second very deeply bent outward; third submarginal, undulating; marginal line black. Hind wings dingy cinereous; marginal line brown. Length of the body 5 lines; of the wings 11 lines.

a, b. Ceylon. Presented by Dr. Templeton.

Genus 38. MODIANA.

Mas. Corpus sat robustum. Proboscis gracilis. Palpi validi, lanceolati, oblique ascendentes, capitis latitudine paullo longiores; articulus 2us penicillatus; 3us minimus. Antennæ validæ; articuli 1us et 2us incrassati; 2us dense fasciculatus. Abdomen alas

posticas longe superans. Pedes validi. Alæ anticæ longæ, angustæ, acutæ, margine exteriori perobliquo.

Male. Body rather stout. Proboscis slender. Palpi stout, lanceolate, obliquely ascending, a little longer than the breadth of the head; second joint enclosing a penicillate tuft; third extremely small. Antennæ stout; first and second joints incrassated; second thickly tufted. Abdomen extending much beyond the hind wings; apical tuft very small. Legs stout, smooth. Fore wings elongate, narrow, acute; exterior border very oblique.

1. MODIANA SCITIVITTALIS.

Mas. *Sordide ochracea; abdomen cinereum; alæ cinereæ, fimbria albida; anticæ costa alba; posticæ subiridescentes, subhyalinæ.*

Male. Dull ochraceous, cinereous beneath. Abdomen cinereous. Wings cinereous, with a whitish fringe. Fore wings with a white costa. Hind wings slightly iridescent and hyaline. Length of the body 7 lines; of the wings 14 lines.

a. Moreton Bay. From Mr. Diggles' collection.

Genus 39. CALGUIA.

Mas. Corpus sat robustum. Caput penicillis duobus erectis. Proboscis obsoleta. Palpi decumbentes, capitis latitudine breviores; articulus 2us arcuatus; 3us parvus. Antennæ serratæ, setosæ, basi incrassatæ. Abdomen alas posticas superans. Pedes breviusculi, sat robusti; tibiæ posticæ quadricalcaratæ, supra fimbriatæ. Alæ anticæ breviusculæ, sat angustæ, subacutæ, costa vix convexa, margine exteriori subobliquo.

Male. Body rather stout. Head with two erect penicillate tufts. Proboscis obsolete. Palpi prominent, shorter than the breadth of the head; second joint much curved downward; third conical, minute. Antennæ serrated, setose, much incrassated towards the base. Abdomen extending beyond the hind wings. Legs rather short and stout; hind tibiæ fringed above, with four long spurs. Fore wings rather short and narrow, slightly acute; costa and exterior border hardly convex, the latter very slightly oblique.

1. CALGUIA DEFIGURALIS.

Mas. *Cervina; antennæ basi nigræ; alæ anticæ fascia media lata fusca intus concisa extus diffusa, spatio marginali*

fuscescente lineam submarginalem pallidam denticulatam includente ; posticæ cinereo-fuscæ.

Male. Fawn-colour. Antennæ black towards the base. Fore wings with a broad brown middle band, which is concise and slightly oblique on the inner side, and is diffuse on the outer side ; marginal space brownish, intersected by the pale submarginal denticulated line. Hind wings cinereous-brown. Length of the body $4\frac{1}{2}$ lines ; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 40. MODUNGA.

Mas. Corpus sat robustum. Proboscis brevissima, gracillima. Palpi longi, subascendentes ; articulus 2us validus, subfimbriatus ; 3us linearis, gracilis, 2o brevior. Antennæ subsetulosæ. Abdomen alas posticas vix superans. Pedes læves, longiusculi, sat graciles ; tibiæ posticæ quadricalcaratæ. Alæ breves, latiusculæ ; anticæ vix acutæ, margine exteriori subflexo.

Male. Body rather stout. Proboscis very short and slender. Palpi slightly ascending, much longer than the breadth of the head ; second joint stout, with a short fringe ; third linear, slender, shorter than the second. Antennæ minutely setulose. Abdomen hardly extending beyond the hind wings. Legs smooth, rather long and slender ; hind tibiæ with four long spurs. Wings short, rather broad. Fore wings hardly acute ; exterior border slightly oblique, indistinctly bent in the middle.

1. MODUNGA PALPIGERA.

Mas. *Cervina* ; alæ anticæ fasciis duabus latis obscurioribus lineas duas pallidas denticulatas includentibus, 2a marginali ; posticæ lineis duabus pallidioribus indistinctis.

Male. Fawn-colour. Abdomen, hind wings and under side cinereous, slightly tinged with fawn-colour. Fore wings with two broad darker bands, the one interior, the other marginal, each including a pale denticulated line. Hind wings with two indistinct paler lines. Length of the body $3\frac{1}{2}$ lines ; of the wings 8 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 41. NANAGUNA.

Fœm. Corpus sat robustum. Proboscis brevis. Palpi erecti, sat graciles, verticem multo superantes; articulus 2us subarcuatus; 3us linearis, 2o non brevior. Abdomen lanceolatum, alas posticas perpaullo superans. Pedes læves, breves, sat validi; tibiæ posticæ calcaribus quatuor longis. Alæ latæ, breves; anticæ vix acutæ, costa subconvexa, margine exteriori subobliquo.

Female. Body rather stout. Proboscis short. Palpi erect rather slender, as long as the breadth of the head, rising much higher than the vertex; second joint very slightly curved; third linear, rounded at the tip, as long as the second. Abdomen lanceolate, extending very little beyond the hind wings. Legs smooth, short, rather stout; hind tibiæ with four long spurs. Wings broad, short. Fore wings hardly acute; costa and exterior border very slightly convex, the latter very slightly oblique.

1. NANAGUNA BREVIUSCULA.

Fœm. *Pallide cervina; abdomen æneo-cinereum; alæ anticæ plagis duabus fuscis, puncto basali, puncto discali punctisque exterioribus nigris, linea exteriori pallide cinerea valde flexa; posticæ pallide cinereæ, subcervino marginatæ.*

Female. Pale fawn-colour, cinereous beneath. Abdomen æneous-cinereous. Fore wings with two irregular brown patches, one costal before the middle, the other on the interior angle; two black dots, one basal, the other discal; exterior line pale cinereous, much bent, accompanied by black points. Hind wings pale cinereous, tinged with fawn-colour along the borders. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

2. NANAGUNA? STIPATA.

Fœm. *Cervino-cinerea, robusta; abdomen alas posticas vix superans; alæ anticæ latiusculæ, nigro subconspersæ, cinereo pallido variæ, lineis duabus discalibus cervinis apice flexis, gutta discali nigra trigona, linea exteriori fusca undulata indistincta, lineis duabus submarginalibus e strigis nigris, punctis marginalibus nigricantibus intus albo marginatis.*

Female. Cinereous, stout, tinged with fawn-colour. Palpi obliquely ascending, not rising higher than the vertex; third joint

conical, minute. Antennæ slender. Abdomen hardly extending beyond the hind wings. Wings rather broad. Fore wings partly pale cinereous, thinly black-speckled, with two pale fawn-coloured parallel lines, which extend from the base to the disk, and are there bent forward, the fore one bordering the outer side of a triangular black discal dot; exterior line brown, undulating, indistinct; a double row of submarginal blackish streaks; marginal points blackish, bordered with white on the inner side. Hind wings brownish cinereous; marginal line brown. Length of the body 4 lines; of the wings 10 lines.

a, b. Ceylon. Presented by Dr. Templeton.

Genus 42. MALIATTHA.

Mas. Corpus vix robustum. Palpi oblique ascendentes, verticem non superantes; articulus 2us subarcuatus; 3us longi-conicus, 2i dimidio brevior. Antennæ basi validæ. Abdomen alas posticas paullo superans, apicem versus subtumidum; fasciculus apicalis longiusculus. Tibiæ posticæ calcaribus quatuor parvis. Alæ anticæ breviusculæ, latiusculæ, vix acutæ, margine exteriori convexo.

Male. Body hardly stout. Palpi obliquely ascending, not rising higher than the vertex; second joint slightly curved; third elongate-conical, less than half the length of the second. Antennæ stout at the base. Abdomen extending a little beyond the hind wings, slightly tumid towards the tip; apical tuft rather long. Hind tibiæ with four rather short spurs. Wings rather broad and short. Fore wings hardly acute; exterior border convex, moderately oblique.

1. MALIATTHA SEPARATA.

Mas. Albida, fusco conspersa; alæ anticæ fascia media cervina nigro submarginata postice dilata extus excavata lituram albidam includente, plaga subapicali cervina nigro strigata, spatio marginali cervino lineam albidam undulatam submarginalem includente; posticæ fuscescente-cinereæ.

Male. Whitish, brown-speckled. Fore wings with a fawn-coloured slightly black-bordered middle band, which is much dilated hindward, and is deeply notched on the outer side in front, where it contains a whitish figure of 8 discal mark; a fawn-coloured black-streaked subapical patch; marginal space fawn-coloured, including a whitish undulating submarginal line; fringe cinereous,

interlined with blackish. Length of the body 5 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 43. CALINDŒA.

Fœm. Corpus robustum. Proboscis mediocris. Palpi porrecti, caput sat superantes, vix angulati; articulus 3us lanceolatus, 2i dimidio non brevior. Antennæ sat validæ. Abdomen subcarinatum, alas posticas vix superans. Pedes validi; tibiæ posticæ quadricalcaratæ. Alæ anticæ elongatæ, angustæ, spissæ, acutæ, margine exteriori subconvexo.

Female. Body stout. Proboscis moderately long. Palpi porrect, extending somewhat beyond the head; third joint lanceolate, about half the length of the second, with which it hardly forms an angle. Antennæ smooth, rather stout. Abdomen slightly keeled, hardly extending beyond the hind wings. Legs stout, smooth; hind tibiæ with four spurs, one of the apical pair very long. Wings elongate, narrow, dense. Fore wings acute; costa straight; exterior border slightly convex, extremely oblique.

1. CALINDŒA CUMULALIS.

Fœm. *Ferruginea; tarsi albo fasciati; alæ punctis nonnullis chalybæis; anticæ fasciis duabus obscurioribus obliquis; posticæ disco nigricante.*

Female. Ferruginous. Tarsi with white bands. Wings with some chalybeous points. Fore wings with two oblique darker bands, one near the base, the other in the middle. Hind wings with the disk mostly blackish. Length of the body $4\frac{1}{2}$ lines; of the wings 14 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 44. LAMORIA.

Fœm. Corpus sat robustum. Caput bifasciculatum. Proboscis brevissima. Palpi lanceolati, validi, subdecumbentes; articulus 3us 2i dimidio non brevior. Antennæ basi robustæ. Abdomen alas posticas superans, apicem versus attenuatum et compressum, oviductus exsertus. Pedes læves, sat validi; tibiæ posticæ calcariibus quatuor longis. Alæ anticæ elongatæ, angustæ, apice rotundatæ, margine exteriori perobliquo.

Female. Body rather stout. Head with two slightly prominent tufts. Proboscis very short. Palpi porrect, lanceolate, rather stout, slightly curved downward; third joint lanceolate, about half the length of the second. Antennæ smooth, stout at the base. Abdomen extending beyond the hind wings, attenuated and somewhat compressed towards the tip; oviduct exerted. Legs smooth, rather stout; hind tibiæ with four long spurs. Wings elongate. Fore wings narrow, rounded at the tips; costa straight; exterior border convex, very oblique.

1. LAMORIA PLANALIS.

Fœm. *Cervina; alæ anticæ fusco substrigatæ et subnebulosæ, annulis duobus discalibus fuscis; alæ posticæ cinereæ.*

Female. Fawn-colour, cinereous beneath. Abdomen cinereous, with a testaceous tinge. Fore wings slightly streaked and clouded with brown; orbicular and reniform represented by two brown ringlets, of which the second is much larger than the first. Hind wings cinereous. Length of the body 7 lines; of the wings 16 lines.

Ceylon. Presented by Dr. Templeton.

Genus 45. MARACLEA.

Fœm. Corpus sat robustum. Proboscis conspicua. Palpi graciles, vix ascendentes, caput paullo superantes; articulus 3us gracillimus. Antennæ glabræ, graciles. Abdomen alas posticas non superans. Pedes sat robusti; tibiæ posticæ quadricalcaratæ. Alæ anticæ acutæ, margine exteriori postico valde rotundato; posticæ margine interiori fimbriato.

Female. Body rather stout. Proboscis distinct. Palpi slender, hardly ascending, extending a little beyond the head; third joint extremely slender. Antennæ smooth, slender. Thorax smooth. Abdomen not extending beyond the hind wings. Legs smooth, rather stout; hind tibiæ with four long spurs. Fore wings acute; costa straight; exterior border not oblique in front, much rounded hindward. Hind wings with very long hairs along the interior border.

1. MARACLEA INOSTENTALIS.

Fœm. *Albido-lignicolor; alæ anticæ punctis duobus discalibus e squamis nigris.*

Female. Whitish wood-colour. Fore wings with some black scales, a few of which are confluent and form two black points in a line on the disk. Length of the body 4 lines; of the wings 12 lines. Sarawak, Borneo. In Mr. Saunders' collection.

Genus 46. EVIA.

Fœm. Corpus robustum. Fasciculus frontalis trigonus. Proboscis gracilis. Palpi porrecti, brevissimi. Antennæ graciles. Abdomen alas posticas paullo superans. Pedes robusti; tibiæ posticæ quadricalcaratæ.

Female. Body stout. Frontal tuft triangular. Proboscis slender. Palpi porrect, very short, concealed by the hairs. Antennæ slender. Abdomen extending a little beyond the hind wings. Legs stout, smooth; hind tibiæ with four moderately long spurs. Wings rather broad. Fore wings slightly acute; exterior border slightly convex, rather oblique.

1. EVIA FERRINALIS.

Fœm. *Obscure ochracea, subtus cinereo-fusca; palpi nigri; abdomen purpurascente-fuscum; alæ anticæ purpurascente-chalybææ, lineis nonnullis e lunulis ferrugineo-fuscis, vitta postica lata ochracea, striga exteriori aurato-ochracea; posticæ æneo-fuscæ, fimbria extus albida.*

Female. Dark ochraceous, cinereous-brown beneath. Fore wings purplish chalybeous, with several transverse ferruginous-brown lines, composed of lunules; a broad ochraceous stripe along the interior border; a gilded ochraceous streak along the hind part of the exterior border. Hind wings æneous-brown, with a purplish bloom; fringe whitish exteriorly. Length of the body 5 lines; of the wings 14 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 47. GYRTONA.

Fœm. Corpus robustum. Proboscis conspicua. Palpi porrecti, subangulati, sat graciles, caput superantes; articulus 2us subfimbriatus; 3us conicus, parvus. Abdomen alas posticas paullo superans. Pedes vix robusti; tibiæ subpilosæ. Alæ anticæ sat angustæ, apice subrotundatæ.

Female. Body stout. Proboscis distinct. Palpi porrect, rather slender, extending somewhat beyond the head; second joint slightly

fringed; third conical, about one-fourth of the length of the second, with which it forms a slight angle. Abdomen extending a little beyond the hind wings. Legs hardly stout; tibiæ slightly pilose; hind tibiæ with four long spurs. Wings rather narrow. Fore wings slightly rounded at the tips. Type *G. proximalis*.

This genus and the preceding one have much affinity to *Gadirtha* in the *Hypogrammidæ*.

1. GYRTONA PROXIMALIS.

Fœm. *Ferruginea, subtus cinereo-fusca; alæ anticæ cervino variæ, lineis nonnullis cinereis indistinctis undulatis, duabus aut tribus postice albis, basi lineaque proxima albis, punctis marginalibus obscure fuscis; posticæ cinereo-fuscæ.*

Female. Ferruginous, cinereous-brown beneath. Fore wings partly fawn-colour, with several indistinct somewhat undulating cinereous transverse lines, of which two or three are white hindward; a white line near the base, which is also white; marginal points dark brown. Hind wings cinereous-brown. Length of the body 4 lines; of the wings 11 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

2. GYRTONA FERRIMISSALIS.

Fœm. *Cinereo-ferruginea, subtus cinereo-fusca; alæ anticæ albedo variæ chalybæo nitentes, lineis nonnullis nigricantibus vix denticulatis, linea 1a punctoque discali atris, fimbria fuscescente punctata; posticæ cinereo-fuscæ.*

Female. Cinereous-ferruginous, rather stout. Proboscis short, slender. Palpi broad, compressed, somewhat decumbent; third joint elongate-conical, about one-third of the length of the second. Antennæ slender, smooth. Abdomen extending a little beyond the hind wings. Legs smooth, moderately stout; hind tibiæ with four long spurs. Wings beneath cinereous-brown. Fore wings rectangular at the tips, with chalybeous reflections, partly whitish, with several hardly denticulated blackish lines; first line and discal point deep black; marginal line slightly interrupted; fringe with brownish points; exterior border slightly convex, moderately oblique. Hind wings cinereous-brown. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

3. GYRTONA DIVITALIS.

Fœm. *Ferruginea, robusta; palpi porrecti, sat longi, articulo 3o minimo; alæ anticæ vix elongatæ, chalybæo variæ, apice subrotundatæ, lineis duabus nigris indeterminatis ex parte duplicatis, plaga costali subapicali pallida, linea submarginali cinerea denticulata, punctis marginalibus fuscis, margine interiore subexcavato; posticæ fusæ, basi cinereæ, margine exteriori antico subexcavato.*

Female. Ferruginous, stout. Palpi porrect, as long as the breadth of the head; third joint conical, very minute. Abdomen and under side brownish, the former extending beyond the hind wings. Wings moderately broad, hardly elongated. Fore wings slightly rounded at the tips, partly tinged with chalybeous; two transverse irregular incomplete partly double black lines; a pale costal subapical patch; submarginal line cinereous, denticulated; marginal points brown; exterior border convex, moderately oblique; interior border slightly excavated. Hind wings brown, cinereous towards the base; exterior border slightly excavated in front. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders collection.

4. GYRTONA PARDALINA.

Fœm. *Pallide cervina; caput albidum; palpi oblique ascendentes, verticem paullo superantes, articulo 2o arcuato lineari, 3o minimo; antennæ breviusculæ, basi incrassatæ; abdomen alas posticas non superans; pedes validi; alæ anticæ subnebulosæ, apice rotundatæ, strigis fasciæque submarginali obscure fuscis; posticæ obscure fusæ.*

Female. Pale fawn-colour. Head whitish. Palpi obliquely ascending, rising a little higher than the vertex; second joint curved, linear; third conical, not more than one-eighth of the length of the second. Antennæ rather short, incrassated at the base. Abdomen not extending beyond the hind wings. Legs stout, smooth, with blackish bands; hind tibiæ with four moderately long spurs. Wings moderately broad. Fore wings rounded at the tips, partly tinged with darker fawn-colour, with irregular dark brown streaks, and with an irregular dark brown submarginal band; marginal line dark brown. Hind wings dark brown. Length of the body 6 lines; of the wings 15 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

5. GYRTONA CONGLOBALIS.

Fœm. *Cinereo-ferruginea, robusta; palpi subascendentes, sat longi, articulo 2o lato subfimbriato, 3o parvo; alæ anticæ subelongatæ, cinereo variæ, apice rotundatæ, lineis subdenticulatis fuscis aut nigris, striga discali nigra, linea submarginali cinerea angulosa, lunulis marginalibus nigricantibus; posticæ fuscæ.*

Female. Cinereous-ferruginous, stout; brown beneath. Palpi slightly ascending, as long as the breadth of the head; second joint broad, slightly fringed; third conical, minute, less than one-fourth of the length of the second. Antennæ slender. Abdomen extending a little beyond the hind wings. Wings slightly elongated, moderately broad; fringe long. Fore wings somewhat rounded at the tips, partly pale cinereous, with a few transverse slightly denticulated brown or black lines and with a transverse black streak on the interior part of the disk; submarginal line cinereous, zigzag; marginal lunules blackish; costa hardly convex; exterior border convex, slightly oblique. Hind wings brown; fringe cinereous. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

6. GYRTONA SEMICARBONALIS.

Cinerea, robusta, ferrugineo varia; palpi porrecti; alæ anticæ angustæ, apice rotundatæ, chalybæo subnitentes, lineis nonnullis ferrugineis angulosis, linea submarginali albido submarginata, fascia interiore latissima nigra, punctis marginalibus fuscis elongatis; posticæ cinereo-fuscæ.

Female. Cinereous, stout, varied with ferruginous. Proboscis distinct. Palpi porrect, extending a little beyond the head; third joint conical, about one-fourth of the length of the second. Antennæ smooth. Abdomen extending a little beyond the hind wings. Legs stout, smooth; spurs long. Wings narrow. Fore wings rounded at the tips, tinged with chalybeous; some ferruginous zigzag lines, of which the submarginal one is slightly whitish-bordered; a very broad black band which extends nearly to the base; marginal points dark brown, elongated; costa straight; exterior border very oblique. Hind wings cinereous-brown, slightly hyaline towards the base. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

7. GYRTONA ROTUNDALIS.

Fœm. *Pallide cinerea, ferrugineo varia; palpi porrecti, rostriformes; tibiæ calcaria breviuscula; alæ anticæ angustæ apice rotundatæ, lineis ferrugineis undulatis plus minusve determinatis nigricante punctatis, punctis marginalibus nigricantibus; posticæ cinereo-fuscæ.*

Female. Pale cinereous, stout, varied with ferruginous. Proboscis distinct. Palpi porrect, rostriform, much shorter than the breadth of the head; third joint minute, conical. Antennæ smooth. Abdomen extending somewhat beyond the hind wings. Legs smooth, stout; spurs rather short. Wings narrow. Fore wings somewhat rounded at the tips, with several more or less complete ferruginous undulating lines, some of which are marked by blackish points; marginal points blackish; costa straight; exterior border convex, very oblique hindward. Hind wings cinereous-brown. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

8. GYRTONA HYLUSALIS.

Fœm. *Cinereo-fusca; palpi robusti, pilosi, subascendentes; alæ anticæ angustæ, fusco conspersæ, apice rotundatæ, antice purpurascente-cinereæ, postice pallide cinereæ, lineis tribus nigris undulatis denticulatis, lineola nigra flexa subcostali, linea submarginali denticulata pallide cinerea, punctis marginalibus nigricantibus elongatis; posticæ fuscescentes. Var.—Thorax pallidissime cervinus, tegulis fuscis; alæ anticæ basi costaque interiore pallidissime cervinis. Mas?—Palpi ascendentes, articulo 3o brevissimo; alæ anticæ rufescente-fuscæ, angustiores.*

Female. Cinereous-brown, rather stout, more cinereous beneath. Palpi stout, pilose, slightly ascending, nearly as long as the breadth of the head; third joint conical, hardly one-third of the length of the second. Thorax with a purplish cinereous tinge. Abdomen extending rather beyond the hind wings. Wings narrow, elongated. Fore wings somewhat rounded at the tips, minutely brown-speckled, mostly purplish cinereous in front, mostly pale cinereous hindward; three black, transverse, slight, irregularly undulating and denticulated lines; a looped black line extending from the costa between the second and third lines; submarginal line pale cinereous, denticulated; marginal points blackish, elongated; costa straight;

exterior border convex, rather oblique. Hind wings brownish. Length of the body 5 lines; of the wings 14 lines.

Var. Third joint of the palpi pale cinereous. Thorax, except the tegulæ, very pale fawn-colour. Fore wings very pale fawn-colour towards the base and along the adjoining part of the costa.

Male? Palpi more ascending; third joint much shorter. Fore wings narrower, reddish brown, with indistinct black cinereous-bordered lines.

a—c. Ceylon. Presented by Dr. Templeton.

9. GYRTONA NIGROCINEREA.

Fœm. *Nigricante-cinerea, robusta; palpi porrecti, caput paullo superantes, articulo 2o fimbriato; alæ anticæ elongatæ, angustæ, subacutæ, venis nigro punctatis, macula magna postica ferrugineo-cinerea nigro marginata, linea submarginali cinerea angulosa, punctis marginalibus nigris.*

Female. Blackish cinereous, stout. Abdomen and hind wings somewhat paler. Palpi porrect, extending a little beyond the head; second joint with a short thick fringe. Abdomen extending beyond the hind wings. Legs smooth. Wings elongate, narrow. Fore wings slightly acute, with some black points on the veins, and with a large ferruginous-cinereous black-bordered spot on the interior border before the middle; submarginal line cinereous, zigzag; marginal points black; exterior border much rounded, hardly oblique in front, very oblique hindward. Hind wings with a pale cinereous fringe. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

a. Ceylon. From M. Nietner's collection.

10. GYRTONA INCLUSALIS.

Fœm. *Cinerea; palpi porrecti, caput longe superantes; alæ anticæ angustæ, subacutæ, lineis nonnullis fuscis undulatis albido marginatis, macula interiore magna transversa punctisque marginalibus fuscis; posticæ margine exteriori subexcavato.*

Female. Cinereous, rather stout. Proboscis distinct. Palpi porrect, compressed, nearly as long as the breadth of the head; third joint elongate-conical, more than half the length of the second. Antennæ smooth. Abdomen extending a little beyond the hind wings. Legs smooth, slender; spurs moderately long. Wings narrow. Fore wings slightly acute, with several undulating brown

whitish-bordered lines, and with a large transverse discal interior brown spot; marginal points brown; costa straight; exterior border convex. Hind wings with the exterior border slightly excavated before the middle. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

11. GYRTONA COSTELLA.

Fœm. Albido-cinerea; palpi porrecti, caput longe superantes; alæ anticæ ferrugineo conspersæ, apice quadratæ, macula basali, striga discali lineisque nonnullis ferrugineis, punctis marginalibus fuscis; posticæ subobscuriores.

Female. Whitish cinereous, rather stout. Proboscis distinct. Palpi porrect, compressed, extending much beyond the head; third joint about half the length of the second. Antennæ smooth, slender. Abdomen extending a little beyond the hind wings. Legs smooth, rather slender; hind tibiæ with four long spurs. Fore wings quadrate at the tips, with ferruginous speckles; a spot near the base of the costa: discal streak and several transverse lines of the same hue; marginal points brown; exterior border slightly convex, moderately oblique. Hind wings a little darker than the ground hue of the fore wings. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

12. GYRTONA DORSIFASCIALIS.

Fœm. Fuscescente-cinerea, sat robusta; palpi validi, porrecti, fuscis, articulo 3o cinereo; thorax fusco fasciatus; alæ anticæ fusco conspersæ et nebulosæ, spatio subcostali chalybæo, plagis paucis subochraceis, lineis tribus nigris denticulatis, linea marginali nigricante interrupta; posticæ fusæ, fimbria cinerea.

Female. Brownish cinereous, rather stout. Palpi brown, porrect, stout, pubescent, not longer than the breadth of the head; third joint cinereous, conical. Thorax with a broad brown band. Abdomen extending rather beyond the hind wings. Fore wings speckled and partly clouded with brown, mostly tinged with chalybeous along the costa; a few dull ochraceous patches; interior, exterior and submarginal lines black, denticulated; marginal line blackish, interrupted by the veins. Hind wings brown; exterior

border slightly excavated in front; fringe cinereous. Length of the body 6 lines; of the wings 14 lines.

Var. Fore wings with the brown, chalybeous and ochraceous markings obliterated.

a, b. ———?

13. GYRTONA STRENUALIS.

Fœm. *Fusca, robusta; fasciculus frontalis productus; palpi porrecti, sat validi, caput paullo superantes, articulo 3o longi-conico; thorax nigro bifasciatus, postice testaceo-cinereas; abdomen alas posticas paullo superans; alæ anticæ cinereo, nigro conspersæ, apice subrotundatæ, spatio costali nigricante-cinereo, spatio basali testaceo-cinereo, spatio marginali fusco interlineato, lineis quinque punctularibus nigris, fascia nigricante-cinereo; posticæ basi cinereæ.*

Female. Brown, stout, brownish cinereous beneath. Frontal tuft prominent. Palpi porrect, rather stout, extending a little beyond the head; third joint elongate-conical, about one-fourth of the length of the second. Antennæ slender. Thorax testaceous-cinereous except in front, with two black bands. Abdomen extending a little beyond the hind wings. Fore wings narrow, cinereous, black-speckled, slightly rounded at the tips; costal space blackish cinereous; marginal space brown, interlined with cinereous; basal part testaceous-cinereous; five slight irregular black lines, mostly composed of points; second and third lines including a blackish cinereous band. Hind wings cinereous towards the base. Length of the body 5 lines; of the wings 12 lines.

a—c. Ceylon. Presented by Dr. Templeton.

14. GYRTONA THORACIA.

Fœm. *Cana, crassa; palpi oblique ascendentes, verticem non superantes, articulo 3o longi-conico; thoracis tegulæ apice chalybæo nigricantes; alæ anticæ angustæ, testaceo canæ, nigro conspersæ, apice rotundatæ, lineis nonnullis dentatis nigricantibus aut ferrugineis, fascia interiore latissima plagaque apud angulum interiorem chalybeo-nigricantibus, linea submarginali denticulata cinerea, litura discali obliqua lunulisque marginalibus nigricantibus; posticæ æneo-cinereæ, vix hyalinæ.*

Female. Hoary, very robust. Palpi obliquely ascending, not rising higher than the vertex; third joint elongate-conical, less than

half the length of the second. Tegulæ of the thorax chalybeous, blackish towards the tips. Fore wings narrow, rounded at the tips, testaceous-tinged, minutely black-speckled, with some blackish dentate partly ferruginous lines; a very broad band near the base and a large patch by the interior angle chalybeous-blackish, the latter forming a submarginal band which includes a cinereous denticulated line; discal mark blackish, elongated, oblique; marginal lunules blackish. Hind wings æneous-cinereous, very slightly hyaline. Length of the body 5 lines; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

15. GYRTONA MONILIALIS.

Fœm. *Ferrugineo-fusca, strenuali proxima; palpi longi, oblique ascendentes, articulo 3o brevissimo; alæ anticæ chalybæo tinctæ, lineis nonnullis fuscis denticulatis, lineis duabus e punctis nigris cinereo marginatis, litura discali e strigula obliqua cinerea punctisque tribus nigris, punctis marginalibus nigricantibus elongatis; posticæ fusæ.*

Female. Ferruginous-brown, closely allied to *G. strenualis*. Frontal tuft very prominent. Palpi obliquely ascending, full as long as the breadth of the head, rising a little higher than the vertex; third joint very short. Fore wings chalybeous-tinged, with several denticulated brown lines; interior and exterior lines composed of black cinereous-bordered points; discal mark consisting of a little oblique cinereous streak and three black points; marginal points blackish, elongated. Hind wings brown. Length of the body $4\frac{1}{2}$ —5 lines; of the wings 9—10 lines.

a, b. Ceylon. Presented by Dr. Templeton.

16. GYRTONA SPILALIS.

Fœm. *Subferrugineo-cinerea; palpi oblique ascendentes; pedes breviusculi; alæ anticæ angustæ, subiridescentes, apice rotundatæ, lineis nonnullis ferrugineis subdenticulatis nigricante punctatis, lituris duabus nigricantibus guttaque alba posticis; posticæ æneo-fusæ, fimbria pallide cinerea.*

Female. Cinereous, stout, with a ferruginous tinge. Proboscis distinct. Palpi obliquely ascending, extending somewhat beyond the head; third joint conical, hardly one-fourth of the length of the second. Antennæ smooth, slender. Abdomen extending a little beyond the hind wings. Legs rather short and stout; hind tibiæ

with moderately long spurs. Wings narrow. Fore wings rounded at the tips, slightly iridescent, with several ferruginous slightly denticulated lines, which contain some blackish points; two larger blackish marks by the interior border, on which there is a more exterior white dot; costa straight; exterior border very oblique. Hind wings æneous-brown; fringe pale cinereous. Length of the body $3\frac{1}{2}$ lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Sect. n.

Mas. Palpi porrecti, capitis latitudine non breviores; articulus 3us lanceolatus, 2i dimidio brevior. Antennæ dense setulosæ. Abdomen alas posticas paullo superans; fasciculus apicalis minimus. Pedes læves, sat validi. Alæ anticæ elongatæ, vix acutæ, margine exteriori convexo perobliquo. Alæ posticæ margine exteriori antico excavato.

Male. Palpi porrect, as long as the breadth of the head; second joint slightly broader towards the tip; third lanceolate, less than half the length of the second. Antennæ thickly setulose. Abdomen extending a little beyond the hind wings; apical tuft very small. Legs smooth, rather stout. Wings elongate, moderately broad. Fore wings hardly acute; costa straight; exterior border convex, very oblique. Hind wings with the exterior border concave in front.

17. GYRTONA DORSALIS.

Mas. *Ferrugineo-fusca; thorace fascia atra; alis anticis cinereo tinctis, fascia maculari interiori, litura discali, lineis duabus exterioribus interruptis punctisque marginalibus elongatis nigris; alis posticis cinereo-fuscis, fimbria pallide cinerea.*

Male. Ferruginous-brown. Thorax with a deep black band in front. Abdomen and under side brownish cinereous. Fore wings with a cinereous bloom and with black markings, which consist of an interior macular band, of a discal mark, of two exterior interrupted lines, and of elongated marginal points. Hind wings cinereous-brown; fringe pale cinereous. Length of the body 6 lines; of the wings 16 lines.

a. Ceylon. Discovered by Dr. Templeton.

Sect. N.

Mas. Corpus vix robustum. Proboscis brevissima, gracillima. Palpi porrecti, latiusculi, sat longi, articulo 3o longi-conico. Antennæ graciles, subpubescentes. Abdomen alas posticas non superans. Pedes læves, validi; tibiæ posticæ calcaribus quatuor longissimis. Alæ anticæ subelongatæ, acutæ.

Male. Body hardly stout. Proboscis very short and slender. Palpi porrect, rather broad, a little longer than the breadth of the head; third joint elongate-conical, about half the length of the second. Antennæ slender, minutely pubescent. Abdomen not extending beyond the hind wings. Legs smooth, stout, not long; hind tibiæ with four very long spurs. Wings moderately broad, slightly elongated. Fore wings acute; costa straight; exterior border slightly convex, moderately oblique.

18. GYRTONA SUFFUSA.

Mas. *Ferruginea, subtus fuscescente-cinerea; alæ nigro subconspersæ, fusco subinctæ, lineis duabus undulatis punctisque marginalibus nigris; anticæ linea interiore lituraque discali lata nigris.*

Male. Ferruginous, brownish cinereous beneath. Wings slightly black-speckled, partly brown-tinged, with two irregular undulating black lines; marginal points black. Fore wings with an interior irregular black line, and with a broad black transverse discal mark. Length of the body 4 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 48. NECLA.

Fæm. Corpus robustum. Palpi latissimi, porrecti, pubescentes, capitis latitudine breviores; articulus 3us minimus. Antennæ basi incrassatæ. Abdomen alas posticas non superans. Alæ anticæ latæ, breves, vix acutæ, costa subconvexa, margine sat obliquo.

Female. Body stout. Palpi porrect, pubescent, very broad, shorter than the breadth of the head; third joint very minute. Antennæ incrassated at the base. Abdomen not extending beyond the hind wings. Wings broad, short; fringe long. Fore wings hardly acute; costa and exterior border slightly convex, the latter rather oblique.

1. NECLA CANIORALIS.

Fœm. *Cana; alæ anticæ lineis quatuor fuscis undulatis angulatis, lituris duabus ferrugineis transversis subcostalibus; posticæ fuscescente-cinereæ, basi pallidiores, quatuor subtus fuscescentes, litura discali fusca.*

Female. Hoary, with four brown undulating angular transverse brown lines; two transverse ferruginous subcostal marks between the second and third lines. Hind wings brownish cinereous, paler towards the base. Wings brownish beneath, with a transverse brown discal mark; fringe hoary, interlined. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Sect. n.

Fœm. Corpus robustum. Proboscis conspicua. Palpi ascendentes, verticem non attingentes; articulus 2us arcuatus; 3us linearis, 2i dimidio non longior. Abdomen subcristatum. Pedes validi, breves. Alæ anticæ vix acutæ.

Female. Body stout. Proboscis distinct. Palpi ascending, not rising so high as the vertex; second joint stout, curved; third linear, rounded at the tip, hardly half the length of the second. Antennæ smooth, slender. Abdomen with slight crests, not extending beyond the hind wings. Legs stout, short; hind tibiæ with four long stout spurs. Wings short, broad, stout. Fore wings hardly acute; costa almost straight; exterior border convex, moderately oblique.

2. NECLA? CONCINNULA.

Fœm. *Subcervino-albida; alæ anticæ cervinæ, triente basali albida punctum basale nigrum lineasque tres cervinas denticulatas includente, fascia exteriori albida interrupta lineam cervinam denticulatam includente, litura discali albida elliptica nigro signata, strigis exterioribus et submarginalibus punctisque marginalibus nigris, linea submarginali albida denticulata; posticæ cinereæ, basi albidæ, lunulis marginalibus fuscis elongatis.*

Female. Whitish, slightly tinged with fawn-colour. Fore wings fawn-colour; basal third part whitish except along the costa, including a basal black point and three denticulated fawn-coloured

lines; an exterior irregular and interrupted whitish band, which includes a denticulated fawn-coloured line; discal mark whitish, elliptical, including a small transverse black streak; exterior streaks, submarginal streaks and marginal points black; submarginal line whitish, denticulated. Hind wings cinereous, except towards the base; marginal lunules brown, elongated; fringe whitish, interlined. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 49. CLETTARRA.

Mas. Corpus robustum. Proboscis conspicua. Palpi erecti, sat graciles, verticem longe superantes; articulus 2us subarcuatus; 3us linearis, apice rotundatus, 2o vix brevior. Antennæ læves, breviusculæ, basim versus robustæ, basi crassæ. Abdomen alas posticas paullo superans; fasciculus apicalis parvus, quadratus. Pedes validi, breves; tibiæ posticæ calcaribus quatuor longissimis. Alæ anticæ breviusculæ, latiusculæ, costa margineque exteriori vix convexis; posticæ costa dilatata, fasciculo costali penicillata.

Male. Body stout. Proboscis distinct. Palpi erect, smooth, rather slender, rising much higher than the vertex; second joint very slightly curved; third linear, rounded at the tip, hardly shorter than the second. Antennæ smooth, rather short, stout for one-fourth of the length from the base; first joint thick. Abdomen extending a little beyond the hind wings; apical tuft small, quadrate. Legs stout, short; hind tibiæ with four very long spurs. Wings rather short and broad. Fore wings hardly acute; costa and exterior border hardly convex, the latter rather oblique. Hind wings with the costa dilated along most of the length from the base, and furnished with a large penicillate tuft of hairs; interior border slightly dilated and folded.

1. CLETTARRA VALIDA.

Mas. *Cervina*; alæ anticæ subnebulosæ, strigis duabus posticis latis fuscis nigro marginatis, striga antica obliqua pallidior, linea exteriori flexa pallide cinerea, punctis discalibus elongatis nigris; posticæ albido-cinereæ, subcervino marginatæ.

Male. Fawn-colour. Fore wings slightly clouded, with two irregular broad brown black-bordered streaks along the interior border; first streak basal; second about the interior angle; a broad paler brown oblique streak proceeding outwards from the costa, dis-

appearing in the disk, where there are a few elongated black points; an exterior much-bent pale cinereous line; two brown points near the tip of the costa. Hind wings whitish cinereous, slightly tinged with fawn-colour along the borders; costal tuft fawn-colour. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 50. MOCA.

Mas. Corpus læve, crassum. Proboscis mediocris. Palpi ascendentes; articulus 2us valde arcuatus; 3us acutus, minimus. Antennæ breves, subpubescentes, basi incrassatæ. Abdomen alas posticas superans, cornubus duobus apicalibus lanceolatis. Pedes læves, breves, validi; tibiæ posticæ calcaribus quatuor longissimis. Alæ spissæ, latiusculæ, subelongatæ; anticæ apice rotundatæ, costa margineque exteriori perparam convexis.

Male. Body smooth, very stout. Proboscis moderately long. Palpi ascending to the vertex; second joint very much curved; third acute, extremely small. Antennæ short, minutely pubescent, incrassated at the base. Abdomen extending rather beyond the hind wings, with two lanceolate apical appendages. Legs smooth, short, stout; hind tibiæ with four very long spurs. Wings dense, slightly elongated, rather broad. Fore wings rounded at the tips; costa and exterior border very slightly convex, the latter very slightly oblique.

1. MOCA VELUTINA.

Mas. Cinereo-fusca; thorax vittis quinque pallidioribus; alæ anticæ strigis diffusis pallide cinereis, strigis submarginalibus nigris, punctis marginalibus nigris connexis, striga brevi lunulaque exteriori discalibus nigris.

Male. Cinereous-brown. Thorax with five paler stripes, of which the inner pair are abbreviated in front. Abdomen more cinereous. Fore wings with several diffuse pale cinereous streaks, with black submarginal streaks, and with black connected marginal points; discal mark consisting of a short black streak and an exterior black lunule. Hind wings cinereous along part of the exterior border. Length of the body $5\frac{1}{2}$ lines; of the wings 12 lines.

a. Ceylon. Presented by Dr. Templeton.

2. MOCA? DENTILINEA.

Fœm. *Viridescens, fusco conspersa; palpi ochracei, articulo 2o arcuato, 3o longo lanceolato; abdomen cupreo-cinereum; alæ cupreo tinctæ; anticæ lineis tribus viridibus dentatis, litura discali albida; posticæ fusæ.*

Female. Greenish, thickly speckled with brown, brownish cinereous beneath. Palpi dull ochraceous, rising higher than the vertex; second joint curved; third lanceolate, almost as long as the second. Abdomen cinereous, with a cupreous tinge. Wings rather broad, tinged with cupreous; fringe brown, with a cinereous basal line. Fore wings rounded at the tips; brown speckles partly confluent; three deeply dentate green lines; a whitish discal mark between the first and second lines; costa and exterior border slightly convex, the latter rather oblique. Hind wings brown. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 51. ORTHAGA.

Mas. Corpus robustum. Proboscis bene determinata. Palpi erecti, lanceolati, verticem superantes; articulus 3us lanceolatus, 2i dimidio brevior. Antennæ pubescentes. Thorax squamosus. Abdomen longi-conicum. Pedes robusti; tibiæ posticæ calcaribus quatuor longissimis. Alæ anticæ squamosæ, apice rotundatæ.

Male. Body stout. Proboscis distinct. Palpi erect, lanceolate, applied to the head, rising somewhat higher than the vertex; third joint lanceolate, rather less than half the length of the second. Antennæ pubescent. Thorax squamous. Abdomen elongate-conical. Legs stout; hind tibiæ with four very long spurs. Fore wings squamous, moderately broad, rounded at the tips.

Type *O. acontialis*.

This genus is placed with the *Deltoidites* in the B. M. List Lep. Het. Pt. 16, p. 191.

The tribe above mentioned and the *Pyrallites* have several connecting-links with the *Phycidæ*.

1. ORTHAGA ACONTIALIS.

Mas. *Albida, cervino subtinctoria; palpi cervini; alæ fimbria nigricante strigata; anticæ litura discali elongata transverse sulcata, macula costali nigra oblonga, spatio apicali ferrugineo*

strigam latam nigram includente, punctis marginalibus nigris subquadratis ; posticæ nigricantes, basi cinereæ.

Male. Whitish, slightly tinged with fawn-colour. Palpi fawn-colour. Wings with a blackish-streaked fringe. Fore wings with an elongated discal concavity, which is transversely furrowed ; an oblong black costal spot near the base ; apical part ferruginous, with a broad diffuse longitudinal black streak ; marginal points black, subquadrate. Hind wings blackish, cinereous in front towards the base ; fringe with broader blackish streaks than those of the fore wings. Length of the body 6 lines ; of the wings 16 lines

a. Sarawak, Borneo. From Mr. Wallace's collection.

2. ORTHAGA PHILIASALIS.

Fœm. *Ochraceo-viridis, squamosa, robusta ; caput album ; palpi albi, subretracti, caput superantes, viridi bifasciati, articulo 3o lanceolato ; abdomen album, basi ochraceum, apice ceruinum ; alæ anticæ apice rotundatæ, fascia alba latissima informi nigro marginata plagam ochraceo-viridem includente ; posticæ æneo-fuscæ, basi albæ.*

Female. Ochraceous-green, squamous, robust. Head white. Proboscis very stout. Palpi slightly reverted, white, with two ochraceous-green bands, rising higher than the head ; third joint lanceolate, less than one-third of the length of the second. Antennæ slender. Abdomen mostly white, ochraceous at the base, fawn-coloured at the tip, not extending beyond the hind wings. Legs smooth, stout ; hind tibiæ with four moderately long spurs. Wings elongate, with an æneous tinge. Fore wings rounded at the tips, with a very broad irregular white band, which is bordered with black, and contains in front an ochraceous-green patch with two black dots ; exterior border very oblique. Hind wings æneous-brown, white towards the base in front. Length of the body 6 lines ; of the wings 18 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

3. ORTHAGA MIXTALIS.

Mas. *Subochracea ; palpi suberecti, verticem non attingentes, articulo 3o conico minimo ; antennæ subpubescentes ; alæ anticæ vix acutæ, albo bifasciatæ, nigro quadrilineatæ, linea 4a denticulata extus pallido marginata, guttis marginalibus nigris elongatis, fimbria nigricante punctata ; posticæ cinereæ.*

Male. Dull ochraceous, dingy cinereous beneath. Palpi nearly erect, not rising so high as the vertex; third joint conical, very minute, not more than one-sixth of the length of the second. Antennæ minutely pubescent. Abdomen cinereous. Wings moderately broad; fringe interlined. Fore wings hardly acute, with two white bands and with four black lines; first band basal; second very broad, thinly black-speckled, partly extending to the costa; first, second and third lines diffuse, composed of speckles; fourth concise, denticulated, pale-bordered on the outer side; marginal dots black, elongated; fringe with blackish points. Hind wings cinereous, tinged with æneous towards the exterior border. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

4. ORTHAGA PYRALISALIS.

Mas. *Rufescente-cervina; palpi verticem paullo superantes, articulo 3o lanceolato longiusculo; alæ anticæ apice rotundatæ, nigro conspersæ, basi fascia media lineaque submarginali flexa denticulata flavescente-cinereis, spatio marginali ex parte pallido, lunulis marginalibus nigris; posticæ cinereæ, fuscescente marginatæ.*

Male. Reddish fawn-colour, stout. Palpi erect, rising a little higher than the vertex; third joint lanceolate, a little less than half the length of the second. Abdomen with black speckles hindward, not extending beyond the hind wings. Wings rather broad; fringe cinereous, interlined with reddish. Fore wings rounded at the tips, minutely black-speckled; base, middle band and denticulated bent submarginal line pale yellowish cinereous; marginal space partly pale; marginal lunules black. Hind wings cinereous, brownish towards the exterior border; submarginal line pale, denticulated, incomplete. Length of the body 4 lines; of the wings 12 lines.

a. Sarawak, Borneo. From Mr. Wallace's collection.

5. ORTHAGA TEGULALIS.

Mas. *Cinereo-cervina; palpi recurvi, pilosi, antice albi, caput superantes, articulo 3o lanceolato; antennæ setulosæ; femora fimbriata; alæ anticæ apice rotundatæ, apud costam virides, spatio medio postice albo, guttis duabus discalibus nigris, fascia fusca exteriori indistincta; posticæ spatio marginali postico albo.*

Male. Cinereous fawn-colour, stout, pale cinereous beneath. Proboscis rather stout. Palpi recurved, pilose, white in front, applied to the head, and rising somewhat above it; third joint lanceolate, less than half the length of the second. Antennæ setulose. Abdomen extending somewhat beyond the hind wings; apical appendages large. Legs stout; femora thickly fringed; spurs long. Wings elongate. Fore wings rounded at the tips, irregularly green along the costa; middle part white hindward; two black discal dots and some black speckles about the interior border before the middle; an indistinct irregular exterior brown band; exterior border extremely oblique. Hind wings white about the hind part of the exterior border. Length of the body 7 lines; of the wings 15 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

6. ORTHAGA ROTUNDALIS.

Fœm. Cinereo-cervina; palpi erecti, sat graciles, verticem paullo superantes, articulo 3o longiusculo; alæ anticæ cinereæ, nigro subconspersæ, apice rotundatæ, fasciis quatuor nigris valde diffusis, punctis marginalibus nigricantibus, costa vix convexa; posticæ æneo tinctæ.

Female. Cinereous fawn-colour, cinereous-brown beneath. Palpi erect, rather slender, rising a little higher than the vertex; second joint curved; third lanceolate, less than half the length of the second. Wings rather broad. Fore wings cinereous, rounded at the tips, thinly and irregularly black-speckled, with four very diffuse and irregular fawn-coloured bands; marginal points blackish, diffuse; costa hardly convex. Hind wings tinged with æneous. Length of the body 5 lines; of the wings 12 lines.

a. Sarawak, Borneo. From Mr. Wallace's collection.

Genus 52. CHARACOMA.

Fœm. Corpus crassum. Proboscis conspicua. Palpi recurvi, pilosi; articulus 3us 2o non brevior. Antennæ breviusculæ. Abdomen alas posticas paullo superans. Pedes breviusculi; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ latiusculæ, apice subrotundatæ, costa basi subconvexa, margine exteriori subconvexo vix obliquo.

Female. Body very stout. Proboscis distinct. Palpi curved, pilose, closely applied to the head, retracted to the fore border of

the thorax; third joint as long as the second. Antennæ rather short. Abdomen extending a little beyond the hind wings. Legs smooth, rather short; hind tibiæ with four long spurs. Wings stout, rather broad. Fore wings slightly rounded at the tips; costa slightly convex towards the base; exterior border slightly convex, hardly oblique.

1. CHARACOMA ALBULALIS.

Fœm. *Cinerea, subtus fusca; thorax fusco fasciatus; abdomen æneo-cinereum; alæ anticæ albido et cervino variæ, lineis quatuor nigricantibus dentatis albo marginatis, striga brevitate nigricante, punctis marginalibus nigris; posticæ fuscae, fimbria cinerea.*

Female. Cinereous, brown beneath. Thorax with a brown band in front. Abdomen with an æneous tinge. Fore wings partly whitish, partly tinged with fawn-colour; four irregular transverse dentate blackish lines, mostly white-bordered; a short broad blackish streak in the disk between the second and third lines; marginal points black. Hind wings brown; fringe cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 53. SALMA.

Fœm. Corpus sat robustum. Vertex fasciculo brevi erecto. Palpi squamosi, suberecti, sat graciles, verticem paullo superantes; articulus 2us linearis; 3us minimus. Antennæ sat validæ. Abdomen alas posticas paullo superans. Pedes squamosi, robusti. Alæ anticæ elongatæ, latiusculæ, apice subrotundatæ.

Female. Body rather stout. Vertex with a short erect tuft. Palpi squamous, nearly erect, rather slender, rising a little higher than the vertex; second joint linear; third conical, very minute. Antennæ rather stout. Abdomen extending a little beyond the hind wings. Legs squamous, stout. Wings elongate, rather broad. Fore wings slightly rounded at the tips.

1. SALMA RECURVALIS.

Fœm. *Cana; proboscis ferruginea, basi cana squamosa; alæ anticæ nigro viridique conspersæ, spatio exteriori æneo-fusco, puncto discali nigro, lineis duabus fuscis angulosis, 2a valde flexa; posticæ apud marginem anteriorem fuscescentes.*

Female. Hoary. Proboscis ferruginous, hoary and squamous towards the base. Fore wings speckled with black and with green, æneous-brown along most of the exterior border; discal point black; interior and exterior lines brown, zigzag, the latter deeply bent outward. Hind wings diffusedly brown along the exterior border. Length of the body 6 lines; of the wings 16 lines.

a. Australia. From Mr. Damel's collection.

Genus 54. ALATA.

Mas. Corpus vix robustum. Fasciculus frontalis productus. Proboscis longiuscula. Palpi recti, lanceolati, subascendentes, sat graciles; articulus 2us subtus sulcatus, penicillo basali; 3us brevis, gracilis. Antennæ robustæ; articuli 1us et 2us dilatati; 2us penicillatus. Abdomen alas posticas longe superans. Pedes læves, sat robusti; tibiæ posticæ calcaribus quatuor parvis. Alæ anticæ elongatæ, perangustæ, subacutæ, margine exteriori subconvexo sat obliquo.

Male. Body hardly stout. Frontal tuft very prominent. Proboscis rather long. Palpi straight, lanceolate, rather slender, very slightly ascending; third joint acute, slender, about one-fourth of the length of the second; the latter is furrowed beneath for the reception of the penicillate tuft of hairs at its base. Antennæ stout; first and second joints dilated, the latter with a penicillate tuft of hairs. Abdomen extending much beyond the hind wings; apical tuft small, elongated. Legs smooth, rather stout; hind tibiæ with four short spurs. Wings elongate. Fore wings very narrow, slightly acute; costa straight; exterior border slightly convex, rather oblique.

1. ALATA ANTICALIS.

Mas. Cervina; antennæ basi subtus albæ; abdomen cervino-albidum; alæ anticæ subhyalinæ, postice cinereæ, costa alba; posticæ albido-hyalinæ, æneo subnitentes.

Male. Fawn-colour, whitish beneath. First and second joints of the antennæ white beneath. Abdomen whitish, with a slight tinge of fawn-colour. Fore wings slightly hyaline, cinereous hindward; costa white. Hind wings whitish hyaline, with a slight æneous tinge. Length of the body 6 lines; of the wings 12 lines.

a. St. Jago. Presented by C. Darwin, Esq.

b. Sierra Leone. Presented by the Rev. D. F. Morgan.

Genus 55. IAMBIA.

Fœm. Corpus sat robustum. Proboscis mediocris. Palpi validi, squamosi, suberecti, verticem non superantes, articulo 3o minimo. Antennæ validæ. Abdomen lanceolatum, alas posticas perpaullo superans. Pedes robusti, squamosi; tibiæ posticæ calcaribus quatuor longis. Alæ latissimæ, fimbria brevi; anticæ apice subrotundatæ, costa vix convexa.

Female. Body rather stout. Proboscis moderately long. Palpi robust, squamous, nearly erect, applied to the head, not rising higher than the vertex; third joint conical, very minute. Antennæ stout. Abdomen tapering, extending very little beyond the hind wings. Legs robust, squamous; hind tibiæ with four long spurs. Wings very broad; fringe short. Fore wings slightly rounded at the tips; costa hardly convex; exterior border slightly convex, moderately oblique.

1. IAMBIA INFERALIS.

Fœm. *Sordide cinerea; alæ punctis marginalibus nigris; anticæ nigro conspersæ, fascia exteriori lata obliqua obscure fusca antice interrupta intus diffusa extus nigro marginata, spatio exteriori postico albido; posticæ fuscescente-cinereæ.*

Female. Dingy cinereous. Wings with black marginal points. Fore wings irregularly speckled with black; the speckles here and there clustered; a broad oblique exterior dark brown band, which is interrupted in front and diffuse on the inner side, and bordered on the outer side by a black line; hindward space beyond the band whitish. Hind wings brownish cinereous. Length of the body 7 lines; of the wings 16 lines.

a. Port Natal. From M. Guenzius' collection.

Genus 56. ZIA.

Mas. Corpus vix robustum. Proboscis mediocris. Palpi longi, porrecti, lanceolati, squamoso-hirsuti, articulo 3o parvo. Antennæ pubescentes. Abdomen alas posticas paullo superans; fasciculus apicalis brevis, quadratus. Pedes sat graciles; tibiæ posticæ calcaribus quatuor parvis. Alæ anticæ elongatæ, acutæ, costa vix convexa, margine exteriori perobliquo.

Male. Body hardly stout. Proboscis moderately long. Palpi porrect, lanceolate, squamous-hirsute, as long as the breadth of the head; third joint minute, conical. Antennæ minutely pubescent. Abdomen extending a little beyond the hind wings; apical tuft short, quadrate. Legs smooth, rather slender; hind tibiæ with four short spurs. Wings elongate, moderately broad. Fore wings acute; costa and exterior border very slightly convex, the latter very oblique.

1. *ZIA TACTALIS.*

Mas. *Cinerea; alæ anticæ fusco subnebulosæ, lineis nonnullis indeterminatis e squamis nigris, striga basali postica albida, disco antico exteriori cano.*

Male. Cinereous. Fore wings partly shaded with brown, with a few incomplete lines composed of black scales; a whitish hindward streak proceeding from the base; fore part of the exterior disk hoary. Hind wings a little paler; fringe hoary. Length of the body 6 lines; of the wings 14 lines.

a. Sydney. From Mr. Diggles' collection.

Genus 57. *ALLATA.*

Mas. Corpus robustum. Caput et thorax crassa. Proboscis brevis. Palpi crassi, angulati, verticem longe superantes; articulus 3us subtus sulcatus, penicillo basali; 3us conicus, subtus concavus. Antennæ glabræ, breviusculæ, sat graciles. Thoracis tegulæ elongatæ. Abdomen lanceolatum, alas posticas paullo superans; fasciculus apicalis minimus. Pedes validi; tibiæ posticæ subfimbriatæ. Alæ anticæ elongatæ, apice subrotundatæ.

Male. Body stout. Head and thorax very robust. Proboscis short. Palpi thick, rising high above the vertex, converging towards each other; second joint furnished at the base with a circular fan-shaped tuft of hairs, longer than the first, with which it forms an angle, furrowed beneath for the reception of the tuft; third joint conical, concave beneath, not more than one-fourth of the length of the second. Antennæ smooth, rather short and slender. Tegulæ of the thorax elongate. Abdomen tapering, extending a little beyond the hind wings; apical tuft very small. Legs stout; hind tibiæ slightly fringed, with four long spurs. Fore wings elongate, slightly rounded at the tips; costa and exterior border straight, the latter moderately oblique.

1. ALLATA PENICILLATA.

Mas. *Cinereo-fusca; palpi albo penicillati; abdomen vitta dorsali nigricante; alæ anticæ nigro conspersæ, plaga basali, linea exterior flexa guttaque discali subquadrata nigricantibus; posticæ subvestitæ, antice iridescentes.*

Male. Cinereous-brown, more cinereous beneath. Plume of the palpi delicate, white, shining. Abdomen with a blackish dorsal stripe; hind borders of the segments pale cinereous. Fore wings black-speckled, with a blackish patch near the base, and with a bent exterior blackish line, of which the middle part is almost obsolete; a blackish subquadrate dot in the fore part of the disk. Hind wings thinly clothed, iridescent in front; fringe pale cinereous. Length of the body 5 lines; of the wings 11 lines.

Hindustan. In Mr. Saunders' collection.

Genus 58. VOLOBILIS.

Mas. Corpus sat robustum. Caput fasciculis duobus lateralibus penicillatis. Proboscis obsoleta. Palpi crassi, lanceolati, oblique ascendentes, verticem superantes; articulus 3us minimus. Antennæ validæ; articulus 1us incrassatus; 2us dilatatus, longiovatus. Pedes longiusculi, sat validi; tibiæ posticæ calcaribus duobus apicalibus. Alæ anticæ angustæ, elongatæ; anticæ vix acutæ, costa vix convexa, margine exterior vix obliquo.

Male. Body moderately stout. Head with a fan-shaped tuft of hairs diverging from each side at the base of the palpi; frontal tuft prominent. Proboscis distinct. Palpi thick, lanceolate, obliquely ascending, rising higher than the vertex; third joint acute, very minute. Antennæ stout; first joint incrassated; second dilated, elongate-oval. Hind legs rather long and stout; hind tibiæ with apical spurs only. Wings narrow, elongated. Fore wings hardly acute; costa hardly convex; exterior border slightly convex, hardly oblique.

1. VOLOBILIS BIPLAGA.

Mas. *Rufescente-cervina; alæ sublus fusco-cinereæ; anticæ dimidio basali nigro conspersæ, plaga exterior costali nigra elongata, lineis duabus dentatis pallide cinereis; posticæ obscure cinereæ, fimbria pallida.*

Male. Reddish fawn-colour. Wings dark cinereous beneath, brown towards the base and along the costa. Fore wings black-speckled along the costa from the base to the middle, beyond which there is a large black elongated costal patch; this is bounded by two pale cinereous dentate lines, of which the outer one is accompanied by some black speckles. Hind wings dark cinereous; fringe pale cinereous. Length of the body 4? lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 59. BENTA.

Corpus sat robustum. Vertex fasciculo suberecto. Proboscis robusta. Palpi validi, subarcuati, verticem longe superantes; articulus 3us linearis, 2i dimidio brevior. Antennæ basi robustæ. Pedes sat graciles; tibiæ posticæ quadricaratae. Alæ anticæ latæ, acutæ, sulco brevi discali, costa subconvexa, margine exteriori subobliquo.

Body moderately stout. Vertex of the head with a nearly erect tuft. Proboscis robust. Palpi stout, slightly curved, closely applied to the head, rising high above the vertex; third joint linear, less than half the length of the second. Antennæ stout at the base. Legs rather slender; hind tibiæ with four moderately long spurs. Wings broad. Fore wings acute; a short furrow with tumid borders in the fore part of the disk; costa and exterior border slightly convex, the latter slightly oblique.

1. BENTA EXPANDENS.

Cinerea; alæ anticæ lineis quatuor undulatis dentatis postice approximatis e squamis nigris, punctis marginalibus nigris elongatis, striga postica brevi lata fasciæque submarginali cervinis; posticæ fuscescente-cinereæ, linea marginali fusca.

Cinereous. Fore wings speckled with black scales of various size; some of these form four irregularly undulating and dentate lines, which are most approximate on the interior border; marginal points black, elongated; a short broad streak along the basal part of the interior border and a submarginal band fawn-colour. Hind wings brownish-cinereous, with a brown marginal line; fringe pale cinereous, interlined. Length of the body 5 lines; of the wings 12 lines.

a. United States. Presented by E. Doubleday, Esq.

Genus 60. MEDAVA.

Mas. Corpus sat gracile. Proboscis brevis. Palpi porrecti, caput vix superantes; articulus 2us supra fasciculatus; 3us minimus. Antennæ breviusculæ, subsetulosæ; articulus 1us robustus. Abdomen alas posticas longissime superans, fasciculo apicali elongato. Pedes breves, sat validi. Alæ anticæ subelongatæ, sat angustæ, apice subrotundatæ, margine exteriori perobliquo.

Male. Body rather slender. Proboscis short. Palpi porrect, hardly extending beyond the head; second joint tufted above towards the tip; third extremely minute. Antennæ rather short, very minutely setulose; first joint robust. Abdomen extending very far beyond the hind wings; apical appendages and tuft elongate. Legs short, rather stout; hind tibiæ with four moderately long spurs. Wings slightly elongated, rather narrow. Fore wings slightly rounded at the tips; costa straight; exterior border slightly convex, very oblique.

1. MEDAVA DIMINUENS.

Mas. *Cinerea*; thorax fusco bifasciatus; alæ anticæ lineis plurimis fuscis denticulatis indistinctis, fascia basali fusca antice dilatata, macula basali alba, punctis marginalibus nigricantibus; posticæ fuscescente-cinereæ, fimbria albido-cinerea.

Male. Cinereous. Thorax with two brown bands. Fore wings with several acutely denticulated mostly indistinct brown lines; a white basal spot succeeded by a brown band, which is dilated along part of the costa; marginal points blackish. Hind wings brownish cinereous; fringe whitish cinereous. Length of the body 5 lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

Genus 61. NACHABA.

Mas. Corpus sat robustum. Proboscis mediocris. Palpi validi, porrecti, capitis latitudine vix breviores; articulus 2us supra fasciculatus; 3us conicus, parvus. Antennæ glabræ, breviusculæ, sat graciles. Abdomen lanceolatum, alas posticas paullo superans. Pedes læves, breviusculi, sat validi; tibiæ posticæ calcaribus quatuor longissimis. Alæ anticæ subelongatæ, apice subrotundatæ.

Male. Body rather stout. Proboscis moderately long. Palpi stout, porrect, nearly as long as the breadth of the head; second

joint with a short dense tuft above; third conical, not more than one-fourth of the length of the second. Antennæ smooth, rather short and slender. Abdomen tapering, extending a little beyond the hind wings; apical tuft very short. Legs smooth, rather short and stout; hind tibiæ with four very long spurs. Wings slightly elongate, moderately broad. Fore wings slightly rounded at the tips; costa straight; exterior border very convex, moderately oblique.

1. NACHABA TRANSVERSA.

Mas. *Cervino-cinerea, subtus pallida nitens subiridescens; palpi basi fusci; alæ anticæ lineis sex obscurioribus variis vix obliquis, linea 6a strigisque tribus obliquis submarginalibus extus cinereo pallido marginatis, punctis marginalibus nigris elongatis.*

Male. Cinereous, tinged with fawn-colour, paler, shining and slightly iridescent beneath. Palpi brown towards the base. Fore wings with six hardly oblique blackish lines, which are reddish brown in some aspects, and are more or less broad and denticulated and complete; sixth line and three broad oblique submarginal streaks bordered on the outer side with pale cinereous; marginal points black, elongated; under side and hind wings with indistinct lines. Length of the body $3\frac{1}{2}$ lines; of the wings 8 lines.

a. ———?

Genus 62. ADRICARA.

Mas. Corpus sat robustum. Proboscis gracilis. Palpi arcuati, oblique ascendentes, verticem non superantes; articulus 3us apice rotundatus, 2o valde brevior. Antennæ glabræ, breviusculæ, sat graciles. Pedes validi, breviusculi. Alæ anticæ latæ, apice rotundatæ, costa vix convexa.

Male. Body rather stout. Proboscis slender. Palpi curved, obliquely ascending, not rising higher than the vertex; third joint tapering, rounded at the tip, much shorter than the second. Antennæ smooth, rather short and slender. Legs smooth, stout, rather short; hind tibiæ with four long spurs. Wings broad. Fore wings rounded at the tips; costa hardly convex; exterior border slightly convex, moderately oblique.

1. ADRICARA ALBODISCATA.

Mas. Nigricante-fusca, subtus argenteo-alba; thorax testaceo bivittatus; alæ anticæ disco testaceo-albido subhyalino, fascia submarginali cinerea diffusa interrupta, costa cinereo varia, punctis marginalibus nigris.

Male. Blackish brown, silvery white beneath. Thorax with a testaceous stripe on each side. Fore wings with a whitish testaceous-tinged and slightly hyaline disk; a cinereous diffuse and interrupted submarginal band; marginal points black; costa mostly cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Ega. From Mr. Bates' collection.

Genus 63. JOCARA.

Fæm. Corpus læve, vix robustum. Proboscis nulla. Palpi graciles, erecti, verticem longe superantes; articulus 2us apicem versus subfimbriatus; 3us lanceolatus, 2i dimidio vix brevior. Antennæ graciles, breviusculæ. Pedes sat graciles. Alæ anticæ subacutæ, margine exteriori sat obliquo.

Female. Body smooth, hardly stout. Proboscis obsolete. Palpi slender, erect, rising much higher than the vertex; second joint slightly tufted above towards the tip; third lanceolate, hardly half the length of the second. Antennæ slender, rather short. Legs smooth, rather slender; hind tibiæ with four long spurs. Wings moderately broad, not or hardly elongated, with a very short fringe. Fore wings slightly acute; costa straight; exterior border very slightly convex, rather oblique.

1. JOCARA FRAGILIS.

Fæm. Alba; caput et thorax fusco suffusa; alæ anticæ basi margineque interiore fuscis, plaga costali fasciæque submarginali fuscis nigro conspersis, punctis marginalibus nigris elongatis, subtus fuscescente-cinereæ litura costali subapicali alba; posticæ subhyalinæ, subiridescentes, margine exteriori fuscescente.

Female. White. Head and thorax tinged with brown. Fore wings brown at the base and about the interior border; a costal patch and a diffuse submarginal band brown, black-speckled; marginal points black, minute, elongated; under side brownish

cinereous, with a white costal subapical mark. Hind wings slightly hyaline and iridescent, tinged with brown along the exterior border. Length of the body 3 lines; of the wings 8 lines.

a. St. Domingo. From Mr. Tweedie's collection.

Genus 64. PSEUDOCERA.

Fœm. Corpus sat gracile. Proboscis mediocris. Palpi erecti, verticem longe superantes; articulus 2us gracilis, subarcuatus; 3us setiformis, 2o brevior. Antennæ sat graciles; articulus 1us robustus, cornu emittens rectum reflexum corporis dimidio longius. Abdomen alas posticas paullo superans. Pedes longiusculi, sat graciles. Alæ anticæ angustæ, elongatæ, subacutæ.

Female. Body rather slender. Proboscis moderately long. Palpi erect, very much longer than the breadth of the head; second joint slender, slightly curved; third extremely slender, setiform, shorter than the second. Antennæ rather slender; first joint stout, furnished at the tip with a long straight linear reflexed squamous-hirsute appendage, which extends over part of the abdomen. Abdomen extending a little beyond the hind wings. Legs smooth, rather long and slender; hind tibiæ with four long spurs. Fore wings narrow, elongated, slightly acute; costa straight; exterior border very slightly convex, rather oblique.

1. PSEUDOCERA INCONCISA.

Fœm. *Cinerea, subtus cervina; caput et thorax anticus cervina; alæ anticæ fascia latissima fusca lineam cineream subrectam includente, fascia exteriori fusca postice abbreviata, spatio submarginali rufescente, spatio marginali nigricante lineolas argenteo-cinereas includente; posticæ cinereo-cervinæ, lituris minus determinatis.*

Female. Cinereous, fawn-colour and shining beneath. Head and fore part of the thorax somewhat fawn-colour. Fore wings with a very broad dark brown band, which includes a nearly straight cinereous line; a narrow exterior brown band, which is much abbreviated hindward, and is contiguous to an irregular reddish submarginal space; marginal streaks silvery gray on a blackish ground, each straight streak between two oblique streaks. Hind wings cinereous fawn-colour, with markings much like those of the fore wings, but less distinct. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 65. MADOCE.

Sect. 1.

Fœm. Corpus sat robustum. Proboscis mediocris. Palpi porrecti, longiusculi; articulus 3us linearis, gracilis, 2i dimidio brevior. Antennæ graciles; articulus 1us robustus. Pedes graciles; tibiæ posticæ calcaribus quatuor longissimis. Alæ anticæ latiusculæ, vix acutæ, margine exteriori subflexo, margine interiori fasciculato.

Female. Body rather stout. Proboscis moderately long. Palpi porrect, a little shorter than the breadth of the head; second joint stout; third linear, slender, rounded at the tip, less than half the length of the second. Antennæ slender; basal joint stout. Legs smooth, slender; hind tibiæ with four very long spurs. Wings rather broad. Fore wings hardly acute; costa straight; exterior border very slightly bent in the middle; fringe slightly notched behind the bend; interior border with a very prominent squamous tuft.

1. MADOCE LEUCOCOSMALIS.

Fœm. *Rufescente-cervina; abdomen flavescens; pedes albidii; alæ anticæ lineis tribus albis, 1a 2aque undulatis, 3a valde angulata, litura discali nigricante diffusa, linea marginali nigra, margine interiori litura basali alba fasciculoque nigro; posticæ pallide rufescentes.*

Female. Reddish fawn-colour, pale beneath. Abdomen yellowish. Legs whitish. Fore wings with three white lines; second more undulating than the first; third deeply angular, dilated on the angle, traversing a blackish diffuse discal mark; marginal line black, slender; interior border with an angular white mark at the base, and with a black tuft. Hind wings pale reddish. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Moreton Bay. From Mr. Diggles' collection.

Sect. 2.

Fœm. Corpus vix robustum. Proboscis conspicua. Palpi compressi, oblique ascendentes, verticem non superantes; articulus 2us pubescens, latiusculus; 3us lanceolatus, gracilis. Antennæ graciles. Abdomen alas posticas vix superans. Pedes læves,

graciles; tibiæ posticæ calcaribus quatuor longis. Alæ latiusculæ, margine exteriori subinciso; anticæ acutæ, margine exteriori fasciculato extus subexcavato.

Female. Body hardly stout. Frontal tuft prominent. Proboscis distinct. Palpi compressed, obliquely ascending, not rising higher than the vertex; second joint pubescent, rather broad; third lanceolate, much more slender than the second, and less than half its length. Antennæ slender. Abdomen hardly extending beyond the hind wings. Legs smooth, slender; hind tibiæ with four long spurs. Wings rather broad, not long; exterior border with very slight excavations. Fore wings acute; interior border with a penicillate tuft, beyond which it is slightly excavated.

2. MADOCE LINEATULA.

Fœm. *Pallide cervina, subtus cinerea; alæ anticæ lineis tribus denticulatis albidis, gutta discali pallide flavescente, lunulis marginalibus nigricantibus; posticæ cinereæ.*

Female. Pale fawn-colour, mostly cinereous beneath. Fore wings a little darker along the exterior border; three whitish denticulated lines; discal dot pale yellowish; marginal lunules blackish; tuft on the interior border tipped with black. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 66. ZIZA.

Mas. Corpus gracillimum. Proboscis brevis, gracilis. Palpi squamoso-hirsuti, oblique ascendentes, verticem non superantes; articulus 3us lanceolatus, gracilis, 2i dimidio non longior. Antennæ glabræ, graciles; articulus 1us robustus, squamoso-hirsutus. Abdomen cylindricum, alas posticas longe superans. Pedes longi, graciles; tibiæ anticæ dilatatæ; tarsi antichi articulis subclavatis. Alæ anticæ elongatæ, vix acutæ, margine interiori fasciculato.

Male. Body very slender. Proboscis short, slender. Palpi squamous-hirsute, obliquely ascending, not rising higher than the vertex; third joint lanceolate, much more slender than the second and hardly half its length. Antennæ smooth, slender; first joint stout, squamous-hirsute. Abdomen long, cylindrical, extending much beyond the hind wings; apical tuft quadrate, very small. Legs long, smooth, slender; fore tibiæ dilated, squamous-pilose;

fore tarsi with slightly clavate joints; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings hardly acute; costa almost straight; exterior border slightly convex, moderately oblique; interior border with a squamous tuft in the middle.

1. ZIZA OSTENTALIS.

Mas. *Cinereo-ferruginea; alæ anticæ nigro substrigatæ, lineis duabus albis flexis subduplicatis, gutta discali alba nigro marginata, lunulis marginalibus nigris ex parte albido marginatis, punctis tribus costalibus subapicalibus albis; posticæ fuscescente-cinereæ.*

Male. Cinereous-ferruginous. Fore wings slightly and irregularly streaked with black; interior and exterior lines white, irregular, bent, mostly double; marginal lunules black, some of them whitish-bordered on the inner side; a white black-bordered discal dot on the inner side of the exterior line; three white costal points near the tip; tuft on the interior border mostly black. Hind wings brownish cinereous. Length of the body 5 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 67. SYRBATIS.

Fæm. Corpus læve, gracile. Proboscis bene determinata. Palpi robusti, arcuati, oblique ascendentes, verticem non superantes; articulus 3us brevissimus. Antennæ longiusculæ, sat validæ. Abdomen longissimum, apicem versus compressum, setis nonnullis longis apicalibus. Pedes longi, graciles; tarsi longissimi; tibiæ posticæ calcaribus duobus apicalibus. Alæ anticæ longæ, angustæ, acutæ, angulo interiore valde rotundato.

Female. Body smooth, slender. Proboscis distinct. Palpi stout, curved, obliquely ascending, not rising so high as the vertex; third joint very short. Antennæ smooth, rather long and stout. Abdomen extremely long, attenuated and compressed towards the tip, with a few long and slender apical bristles. Legs smooth, long, slender; tarsi very long; hind tibiæ with only one pair of spurs, which are apical and of moderate length. Wings long, narrow, thinly clothed. Fore wings acute; costa straight; exterior border extremely oblique; interior angle extremely rounded.

1. SYRBATIS TIPULIFORMIS.

Fœm. *Fuscescente-cinerea; caput, thorax et alæ anticæ apud costam fuscescente-cervinæ.*

Female. Brownish cinereous. Head, thorax and fore wings along the costa brownish fawn-colour. Wings without markings. Length of the body 9 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 68. THIALLELA.

Mas. Corpus sat robustum. Proboscis obsoleta. Palpi validi, pilosi, subascendentes, capitis latitudine breviores, penicillis duobus basalibus; articulus 3us minimus. Antennæ robustæ, subserratæ; articuli 1us et 2us longi, incrassati. Abdomen alas posticas vix superans, apice subcompressum. Pedes validi, squamosi, calcaribus breviusculi. Alæ anticæ angustæ, apice rotundatæ, margine exteriori convexo subobliquo.

Male. Body moderately stout. Proboscis obsolete. Palpi stout, pilose, slightly ascending, shorter than the breadth of the head, furnished on each side at the base with a penicillate tuft of hairs; third joint extremely short. Antennæ stout, very minutely serrated; first and second joints long, incrassated. Abdomen hardly extending beyond the hind wings, slightly compressed at the tip; apical tuft small. Legs stout, squamous, not long; hind tibiæ with four rather short spurs. Fore wings narrow, rounded at the tips; costa straight; exterior border convex, slightly oblique.

1. THIALLELA SIGNIFERA.

Mas. *Pallide cervina; alæ anticæ vix nigro conspersæ, linea submarginali nigricante undulata indeterminata, punctis marginalibus nigris; posticæ albidæ, subhyalinæ, costa cervina, linea marginali fuscescente.*

Male. Pale fawn-colour. Fore wings with very few black speckles; submarginal line blackish, undulating, very indistinct; marginal points black, very minute. Hind wings whitish, slightly hyaline; costa pale fawn-colour; marginal line brownish. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 69. LUMA.

Mas. Corpus sat robustum. Proboscis mediocris. Palpi compressi, verticem superantes; articulus 2us arcuatus, sat latus; 3us lanceolatus, 2o brevior. Antennæ glabræ, sat longæ. Abdomen alas posticas paullo superans. Pedes læves, longiusculi, sat graciles, calcaribus longis. Alæ anticæ elongatæ, acutæ, costa fasciculo medio parvo, margine exteriori subconvexo.

Male. Body rather stout. Proboscis moderately long. Palpi vertical, compressed, rising higher than the head; second joint curved, rather broad; third lanceolate, much shorter than the second. Antennæ smooth, rather long and slender; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings acute, with a minute tuft on the middle of the costa, which is straight; exterior border slightly convex, moderately oblique.

1. LUMA ANTICALIS, n. s.

Mas. Albida, opalina; corpus subtus argenteo-album; alæ subhyalinae; thorax et alæ anticæ testaceo subincta.

Male. Whitish, with pearly lustre. Body silvery white beneath. Thorax and fore wings with a slight testaceous tinge. Wings semihyaline. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders collection.

Genus 70. PYLARTES.

Mas. Corpus læve, sat robustum. Proboscis mediocris. Palpi porrecti, lati, capitis latitudine multo breviores; articulus 3us brevissimus. Antennæ læves, sat graciles. Abdomen alas posticas paullo superans, apicem versus subincrassatum; fasciculus apicalis parvus. Pedes læves, longiusculi, sat validi; tibiæ posticæ quadricaratae. Alæ anticæ elongatæ, subacutæ, costa subexcavata.

Male. Body smooth, shining, moderately stout. Proboscis moderately long and stout. Palpi porrect, broad, very much shorter than the breadth of the head; third joint extremely short, hardly visible. Antennæ smooth, rather slender. Abdomen extending a little beyond the hind wings, slightly tumid towards the tip; apical tuft small. Legs smooth, rather long and stout; hind tibiæ with four long spurs. Wings elongate, shining, moderately broad.

Fore wings slightly acute; costa indistinctly excavated in the middle; exterior border slightly convex, very oblique.

1. PYLARTES SUBCOSTALIS.

Mas. *Alba; palpi ochracei; thorax antice et postice ochraceus; abdomen apicem versus flavescens; alæ anticæ ochraceo-cinereæ, vitta subcostali alba, costa ochracea; posticæ flavescens.*

Male. White. Palpi ochraceous. Thorax ochraceous in front and hindward. Abdomen yellowish towards the tip. Fore wings ochraceous-cinereous, iridescent, with a white subcostal stripe; costa ochraceous. Hind wings yellowish. Length of the body 6 lines; of the wings 16 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 71. AURANA.

Fœm. Corpus robustum. Palpi oblique ascendentes, verticem vix superantes; articulus 2us subarcuatus; 3us subacutus, 2o vix brevior. Antennæ sat graciles. Abdomen alas posticas paullo superans. Pedes breves, femoribus tibiisque posterioribus dilatatis. Alæ anticæ elongatæ, sat angustæ, vix acutæ, margine exteriori subobliquo.

Female. Body stout. Palpi obliquely ascending, hardly rising higher than the vertex, a little shorter than the breadth of the head; second joint slightly curved; third slightly acute, nearly as long as the second. Antennæ rather slender. Abdomen extending a little beyond the hind wings. Legs short; posterior femora and tibiæ dilated; hind tibiæ with four long spurs. Wings elongate, rather narrow. Fore wings hardly acute; costa straight; exterior border slightly convex and oblique.

1. AURANA ACTIOSELLA.

Fœm. *Cinereo-cervina, subtus albida; pedes fusco fasciati; alæ anticæ plagis duabus costalibus albis, 2a nigro bipunctata, linea submarginali fusca subrecta extus albido marginata, spatio marginali diffuse albido, punctis marginalibus nigricantibus; posticæ cinereæ, subhyalinæ, fimbria albida.*

Female. Cinereous fawn-colour. Body beneath and legs whitish, the latter with brown bands. Fore wings with two white costal patches, the first extending nearly to the interior border, the

second longer and containing two black points; submarginal line brown, nearly straight, whitish-bordered on the outer side; marginal space diffusedly whitish; marginal points blackish. Hind wings cinereous, slightly hyaline; fringe whitish. Length of the body 3 lines; of the wings 8 lines.

a. Colombo, Ceylon. From M. Nietner's collection.

Genus 72. BOSTRA.

Fœm. Corpus crassum. Proboscis mediocris. Palpi porrecti, lanceolati, disjuncti, capitis latitudine vix breviores; articulus 3us conicus, parvus. Antennæ graciles. Abdomen lanceolatum, alas posticas superans. Pedes longiusculi, sat graciles. Alæ breves, sat latæ; anticæ acutæ, margine exteriori postico perobliquo.

Female. Body thick. Proboscis moderately long. Palpi porrect, lanceolate, nearly as long as the breadth of the head, apart from each other; third joint conical, minute. Antennæ slender. Abdomen lanceolate, extending beyond the hind wings. Legs rather long and slender; hind tibiæ with four long spurs. Wings short, rather broad. Fore wings acute; costa straight; exterior border convex, very oblique hindward.

1. BOSTRA ILLUSELLA.

Fœm. *Sordide cinerea; caput et thorax pallide cervina; alæ anticæ basi pallide cervinæ, lineis duabus albidis, 1a obliqua subrecta, 2a subundulata.*

Female. Dingy cinereous, more dingy beneath. Head, palpi and thorax pale fawn-colour. Fore wings pale fawn-colour towards the base; this hue bounded by an oblique nearly straight whitish line, which is nearly parallel to an exterior slightly undulating whitish line. Length of the body 3 lines; of the wings 7 lines.

a. Ceylon. From M. Nietner's collection.

Genus 73. SACATIA.

Mas. Corpus sat robustum. Proboscis mediocris. Palpi ascendentes, verticem non superantes; articulus 2us arcuatus; 3us linearis, apice obtusus, 2o brevior. Antennæ robustæ, setulosæ. Pedes læves, mediocres; tibiæ posticæ calcaribus quatuor longis.

Alæ anticæ elongatæ, apice subrotundatæ, margine exteriori subconvexo perobliquo.

Male. Body rather stout. Proboscis moderately long. Palpi ascending, not rising higher than the vertex; second joint curved; third linear, obtuse at the tip, shorter than the second. Antennæ stout, setulose. Legs smooth, moderately long and stout; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings slightly rounded at the tips; costa straight; exterior border slightly convex, very oblique.

1. SACATIA LAUDATELLA.

Mas. *Fuscescente-cinerea; alæ fusco conspersæ, linea exteriori denticulata cinerea, punctis marginalibus fuscis; anticæ linea interiore cinerea undulata, spatio basali fusco.*

Male. Brownish cinereous. Wings speckled with dark brown; an exterior cinereous denticulated line, with confluent speckles along its inner side; marginal points dark brown. Fore wings with an interior undulating cinereous line, which diffusedly borders the dark brown basal space. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 74. DAPHA.

Fœm. Corpus robustum. Palpi porrecti, compressi, disjuncti, capitis latitudine paullo longiores; 3us dense fimbriatus; 3us linearis, apice truncatus, 2i dimidio non longior. Antennæ breviusculæ. Abdomen alas posticas non superans. Pedes sat validi; tibiæ posticæ subdilatatæ; tibiæ posticæ calcaribus quatuor parvis. Alæ anticæ latiusculæ, non longæ, apice rectangulatæ, margine exteriori vix obliquo.

Female. Body stout. Proboscis short. Palpi porrect, compressed, apart from each other, a little longer than the breadth of the head; second joint broadly and thickly fringed above; third linear, truncate at the tip, about half the length of the second. Antennæ rather stout. Abdomen not extending beyond the hind wings. Legs smooth, rather stout; middle tibiæ slightly dilated; hind tibiæ with four short spurs. Wings rather broad, not long. Fore wings rectangular at the tips; costa straight; exterior border slightly convex, hardly oblique.

1. DAPHA VALEUSALIS.

Fœm. *Cinereo-cervina*; *palporum articulus 3us et thorax fusco fasciati*; *alæ anticæ lineis sex fuscis, 4a nigricante uniguttata, 6a valde denticulata, fasciis tribus viridescentibus, punctis marginalibus nigricantibus.*

Female. Cinereous fawn-colour. Third joint of the palpi with a brown band. Thorax with a brown band. Fore wings with six brown lines, of which the sixth is more denticulated than the others; fourth line interrupted by a blackish dot; three greenish bands, first basal, third submarginal; marginal points blackish. Length of the body 3 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 75. CISSE.

Mas. Corpus sat robustum. Frons plana, producta. Proboscis conspicua. Palpi porrecti, validi, angulati; articulus 3us lanceolatus, decumbens, 2i dimidio brevior. Antennæ robustæ, setulosæ. Abdomen alas posticas paullo superans, fasciculis duobus lateralibus apicalibus. Pedes læves, validi, breviusculi. Alæ anticæ non elongatæ, vix acutæ.

Male. Body rather stout. Front flat, prominent. Proboscis distinct. Palpi stout, porrect, shorter than the breadth of the head; third joint lanceolate, decumbent, less than half the length of the second, with which it forms a distinct angle. Antennæ stout, setulose. Abdomen extending a little beyond the hind wings, with two lateral diverging apical tufts. Legs stout, smooth, rather short. Wings moderately broad, not elongated; fringe long. Fore wings hardly acute; costa straight; exterior border slightly convex, moderately oblique.

1. CISSE NIGRIVITTA.

Mas. *Cervina*; *palpi nigricantes*; *alæ anticæ vitta costali nigra squamosa nitente.*

Male. Fawn-colour, paler beneath. Palpi blackish. Fore wings with a black costal squamous shining stripe, which is blackish and diffuse on the under side. Hind wings not paler than the fore wings. Length of the body 4 lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 76. COBUBATHA.

Fœm. Corpus sat robustum. Proboscis mediocris. Palpi validi, squamosi, verticem paullo superantes; articulus 3us longiconicus, 2i dimidio longior. Antennæ brevisculæ, sat validæ. Abdomen alas posticas vix superans. Pedes sat robusti; tibiæ posticæ quadricalcaratæ. Alæ anticæ brevisculæ, latiusculæ, subacutæ, margine exteriori convexo subobliquo.

Female. Body rather stout. Proboscis distinct. Palpi stout, squamous, erect, shorter than the breadth of the head, rising a little higher than the vertex; third joint elongate-conical, more than half the length of the second. Antennæ smooth, rather short and stout. Abdomen slightly tapering, hardly extending beyond the hind wings. Legs smooth, rather stout; hind tibiæ with four long spurs. Wings rather short and broad. Fore wings slightly acute; costa straight; exterior border convex, slightly oblique.

1. COBUBATHA METASPILARIS.

Fœm. *Fuscescente-cinerea*; alæ anticæ spatiis costali et marginali cervinis, plagâ postica lineolisque duabus anticis flexis nigris, lineâ submarginali albida dentata undulata, margine exteriori fimbriaque ex parte nigris.

Female. Brownish cinereous. Fore wings fawn-coloured exteriorly and along most of the costa; a large black patch on the interior border, connected in front with two slender bent black lines which proceed from the costa; submarginal line whitish, dentate, undulating; exterior border and fringe partly black. Hind wings brownish; fringe whitish. Length of the body 4 lines; of the wings 8 lines.

a. St. Domingo. From Mr. Tweedie's collection.

Genus 77. OLULIS.

Fœm. Corpus vix robustum. Proboscis conspicua. Antennæ graciles. Abdomen cylindricum, alas posticas perpaullo superans. Pedes læves, longiusculi, sat graciles; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ latæ, acutæ, costa vix convexa, margine exteriori subangulato antice subconcavo.

Female. Body hardly stout. Proboscis distinct. Antennæ

slender. Abdomen cylindrical, extending very little beyond the hind wings. Legs smooth, rather long and slender; hind tibiæ with four long spurs. Wings broad, not long. Fore wings acute; costa hardly convex; exterior border slightly angular in the middle, slightly concave and not oblique in front, rather oblique hindward.

1. OLULIS PUNCTICINCTALIS.

Fœm. *Pallide cinerea; caput et thorax vix rufescentia; alæ lineis denticulatis subrufescentibus diffusis vix conspicuis, punctis marginalibus obscure fuscis.*

Female. Pale cinereous. Head and thorax slightly tinged with pale reddish. Wings with very indistinct and diffuse pale reddish denticulated lines; marginal points dark brown. Length of the body 5 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 78. PHASGA.

Fœm. Corpus sat robustum. Proboscis brevis. Palpi porrecti, crassi, lanceolati, capitis latitudine vix breviores; articulus 3us minimus. Antennæ breves, validæ, setulosæ, pubescentes. Abdomen alas posticas paullo superans. Pedes robusti, breviusculi; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ elongatæ, subacutæ, margine exteriori convexo sat obliquo.

Female. Body rather stout. Front prominent. Proboscis short. Palpi porrect, thick, lanceolate, nearly as long as the breadth of the head; third joint very minute. Antennæ short, stout, setulose, pubescent. Abdomen extending a little beyond the hind wings. Legs stout, rather short; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings slightly acute; costa straight; exterior border convex, rather oblique.

1. PHASGA DIFFUSALIS.

Fœm. *Pallide cinerea; alæ anticæ strigis diffusis cervinis, lineis duabus denticulatis cervinis, lunulis marginalibus nigris, fimbria fusco guttata; posticæ fuscescente-cinereæ, fusco bilineatæ.*

Female. Wood-colour, or pale cinereous diffusedly streaked with fawn-colour, somewhat dingy and black-speckled beneath.

Wings with two denticulated fawn-coloured lines ; fringe with dark brown dots. Fore wings with a few black speckles and with black marginal lunules. Hind wings brownish cinereous ; lines brown. Length of the body 4 lines ; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 79. HAMAXIA.

Mas. Corpus sat gracile. Proboscis conspicua. Palpi graciles, arcuati, lanceolati, oblique ascendentes, verticem longe superantes ; articulus 2us subfimbriatus ; 3us acutus, 2o brevior. Antennæ subsetulosæ. Abdomen alas posticas superans, apicem versus subcompressum ; fasciculus apicalis minimus. Pedes læves, graciles, longiusculi ; tibiæ anteriores breves, validi, fimbriatæ ; tibiæ posticæ calcaribus duobus interioribus longissimis. Alæ anticæ subelongatæ, subfalcatae, costa perparum convexa, margine exteriori angulato.

Male. Body rather slender. Proboscis distinct. Palpi long, slender, curved, lanceolate, obliquely ascending, rising much higher than the vertex ; second joint slightly fringed ; third acute, shorter than the second. Antennæ very minutely setulose. Abdomen extending rather beyond the hind wings, slightly compressed towards the tip ; apical tuft very small. Legs smooth, slender, rather long ; anterior tibiæ short, stout, fringed ; hind tibiæ with the first pair of spurs very long. Wings slightly elongated, moderately broad. Fore wings acute and subfalcate ; costa very slightly convex ; exterior border forming an acute angle in the middle, concave in front, very oblique hindward.

1. HAMAXIA LIGNULINA.

Mas. *Pallidissime lignicolor ; alæ apud margines fuscescente subconspersæ, punctis marginalibus nigris ; anticæ vitta diffusa angulata pallide fusca.*

Male. Very pale wood-colour. Wings slightly speckled with pale brown about the borders ; marginal points black. Wings with a diffuse obtusely angular pale brown stripe, which extends from rather before the middle of the costa to the middle of the exterior border. Length of the body 6 lines ; of the wings 14 lines.

a. Ceylon. Presented by Dr. Templeton.

Genus 80. TIPASA.

Fœm. Corpus gracile. Frons producta. Proboscis brevissima. Palpi porrecti, sat longi; articulus 2us latiusculus, subarcuatus, supra fimbriatus; 3us linearis, gracillimus. Antennæ graciles. Abdomen alas posticas superans. Pedes læves; tibiæ posticæ calcaribus quatuor longis. Alæ subelongatæ; anticæ acutæ, margine exteriori convexo.

Female. Body slender. Front prominent. Proboscis very short. Palpi porrect, much longer than the breadth of the head; second joint rather broad, very slightly curved, fringed above; third linear, very slender, less than half the length of the second. Antennæ slender. Abdomen extending beyond the hind wings. Legs smooth, moderately long and stout; hind tibiæ with four long spurs.

1. TIPASA NEBULOSELLA.

Fœm. *Pallide cervino-cinerea; alæ anticæ fusco aut nigricante subconspersæ, lineis exteriori et submarginali albidis, 1a incompleta, 2a apud costam dilatata, punctis marginalibus nigricantibus.*

Female. Pale cinereous, tinged with fawn-colour. Fore wings slightly and irregularly brown or blackish-speckled; exterior and submarginal lines whitish, the former incomplete, the latter dilated towards the tip into an oblique streak; marginal points blackish. Length of the body $4\frac{1}{2}$ lines; of the wings 9 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 81. BUZALA.

Mas. Corpus sat robustum. Proboscis obsoleta. Palpi angulati, sat graciles, capitis latitudine vix breviores; articulus 2us subascendens; 3us decumbens, longi-conicus. Antennæ subsetulosæ, subpubescentes. Abdomen attenuatum, alas posticas superans. Pedes læves, sat validi; tibiæ posticæ quadricaratae. Alæ anticæ elongatæ, sat angustæ, subacutæ.

Male. Body moderately stout. Proboscis obsolete. Palpi nearly as long as the breadth of the head, rather slender; second joint very slightly ascending; third decumbent, elongate-conical, about half the length of the second, with which it forms a nearly right angle. Antennæ minutely setulose and pubescent. Abdomen attenuated, extending somewhat beyond the hind wings. Legs

smooth, moderately long and stout; hind tibiæ with four long spurs. Wings elongate, rather narrow. Fore wings slightly acute; costa straight; exterior border convex, very oblique.

1. BUZALA FUSCICOSTA.

Mas. *Cinereo-cervina; caput et thorax anticus fusca; alæ linea exterioriore pallidiore subundulata valde indistincta; anticæ apud costam fusca, subtus cinereo-fusca.*

Male. Cinereous fawn-colour. Head and fore part of the thorax brown. Wings with an exterior paler slightly undulating very indistinct line. Fore wings brown along the costa, cinereous-brown beneath. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines. Sarawak, Borneo. In Mr. Saunders' collection.

Genus 82. PENA.

Fœm. Corpus sat gracile. Proboscis brevis. Palpi porrecti, lanceolati, disjuncti, capitis latitudine multo breviores; articulus 3us parvus. Antennæ sat graciles. Abdomen alas posticas non superans. Pedes sat graciles; tibiæ posticæ quadricalcaratæ. Alæ anticæ elongatæ, acutæ, margine exterioriore subconvexo perobliquo.

Female. Body rather slender. Proboscis short. Palpi porrect, lanceolate, separate from each other, much shorter than the breadth of the head; third joint conical, minute. Antennæ rather slender. Abdomen not extending beyond the hind wings. Legs smooth, rather slender; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings acute; costa straight; exterior border slightly convex, very oblique.

1. PENA COSTALIS.

Fœm. *Albida, subtus sordide cinerea; caput palpi et thoracis margo anticus rufescentia; alæ lineis fuscis subundulatis perobliquis, linea marginali e lunulis fuscis; alæ anticæ apud costam rufescentes.*

Female. Whitish, dingy cinereous beneath. Head, palpi and fore border of the thorax reddish. Wings with several brown slightly undulating very oblique lines; marginal line brown, composed of elongated connected lunules. Fore wings reddish along the costa; one of the exterior lines shaded with reddish on the outer side. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines. Sarawak, Borneo. In Mr. Saunders' collection.

Genus 83. SILDA.

Fæm. Corpus robustum. Proboscis conspicua. Palpi oblique ascendentes, verticem non attingentes; articulus 2us arcuatus; 3us conicus, parvus. Antennæ subpubescentes. Pedes breves, validi; tibiæ posticæ calcaribus longissimis. Alæ anticæ breviusculæ, latiusculæ, vix falcatae, margine exteriori subangulato; posticæ angulo subapicali.

Female. Body stout. Proboscis distinct. Palpi obliquely ascending, not rising so high as the vertex; second joint curved; third conical, not more than one-fourth of the length of the second. Antennæ minutely pubescent. Abdomen elongate-conical, not extending beyond the hind wings. Legs short, stout, smooth; hind tibiæ with very long spurs. Wings short, rather broad; fringe long, full. Fore wings hardly falcate; exterior border forming a rounded angle beyond the middle, very oblique hindward. Hind wings with the exterior border forming a rounded subapical angle.

1. SILDA TRUNCATALIS.

Mas. *Cinereo-cervina; alæ fasciis duabus rufescentibus, 2a latiore magis determinata costam versus retracta, gutta discali nigra, lineis quatuor e punctis nigris, fimbria saturate rufa cinereo interlineata.*

Female. Cinereous fawn-colour. Wings with two reddish bands, of which the second is broader and more distinct than the first, and is abruptly retracted towards the costa of the fore wings; four lines of black points; third or submarginal line more distinct than the others; discal dot black, small; fringe deep red, interlined with cinereous. Fore wings with black costal points. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 84. MIROBRIGA.

Fæm. Corpus gracile. Proboscis conspicua. Palpi porrecti, caput superantes; articulus 3us lanceolatus. Antennæ graciles. Abdomen alas posticas superans; oviductus exsertus. Pedes breviusculi, sat validi; tibiæ posticæ calcaribus quatuor longissimis. Alæ anticæ elongatae, acutæ, margine exteriori antico inciso.

Female. Body slender. Proboscis distinct. Palpi porrect, extending beyond the head, shorter than the breadth of the latter;

third joint lanceolate, shorter than the second. Antennæ slender. Abdomen extending beyond the hind wings; oviduct exerted. Legs smooth, rather short and stout; hind tibiæ with four very long spurs. Wings elongate, moderately broad. Fore wings acute; costa straight; exterior border notched in front, moderately oblique hindward.

1. MIROBRIGA ALBICANS.

Fœm. *Albida, nitens, subiridescens, fuscescente subtineta; alæ gutta discali elongata punctisque marginalibus nigricantibus, linea exterior albida subundulata subdenticulata.*

Female. Whitish, shining, slightly iridescent, partly and slightly tinged with pale brown, the latter hue most prevalent along the exterior border of the wings. Wings with blackish marginal points; discal dot blackish, elongated near the costa; exterior line whitish, slightly undulating and denticulated. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 85. LÆTRINA.

Fœm. Corpus sat robustum. Proboscis obsoleta. Palpi labiales capitis latitudine paullo breviores; articulus 2us porrectus, fimbriatus; 3us gracilis, lanceolatus, oblique ascendens, 2i dimidio brevior. Antennæ graciles. Abdomen subdepressum, sat latum, alas posticas paullo superans. Pedes sat robusti; tibiæ posticæ calcaribus quatuor longissimis. Alæ elongatæ, margine exterior subundulato; anticæ apice subtruncatæ.

Female. Body rather stout. Proboscis obsolete. Labial palpi a little shorter than the breadth of the head; second joint stout, porrect, fringed; third slender, lanceolate, obliquely ascending, less than half the length of the second. Maxillary palpi shorter. Antennæ slender. Abdomen rather broad and flat, extending a little beyond the hind wings. Legs smooth, rather stout; hind tibiæ with four very long spurs. Wings elongate, moderately broad; exterior border slightly undulating. Fore wings slightly truncated at the tips; costa straight.

1. LÆTRINA FLEXALIS.

Fœm. *Cinereo-fusca; alæ cinereæ, fusco nebulosæ et conspersæ, gutta discali lineaque marginali obscure fuscis, linea exterior pallide cinerea; anticæ punctis costalibus pallide cinereis, linea exterior flexa.*

Female. Cinereous-brown, more cinereous beneath. Wings cinereous, clouded and speckled with brown; discal dot and marginal line dark brown; exterior line pale cinereous. Fore wings with some pale cinereous costal points; exterior line deeply retracted in the middle. Length of the body 4 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 86. ERPIS.

Fœm. Corpus sat robustum. Proboscis brevis, gracilis. Palpi sat validi, oblique ascendentes, verticem non superantes; articulus 2us subarcuatus; 3us linearis, obtusus, 2i dimidio non brevior. Antennæ sat validæ. Abdomen alas posticas paullo superans. Pedes robusti; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ vix acutæ, costa margineque antico subconvexis.

Female. Body moderately stout. Proboscis short, slender. Palpi rather stout, obliquely ascending, not rising higher than the vertex; second joint slightly curved; third joint linear, obtuse, about half the length of the second. Antennæ rather stout. Abdomen extending a little beyond the hind wings. Legs stout, smooth; hind tibiæ with four long spurs. Wings moderately broad. Fore wings hardly acute; costa and exterior border slightly convex, the latter moderately oblique.

1. ERPIS MACULARIS.

Fœm. Albido-cinerea; thorax nigricante guttatus; alæ anticæ albidæ, macula discali fasciisque quatuor macularibus nigricantibus.

Female. Whitish cinereous. Thorax with some blackish dots. Fore wings whitish, with a blackish discal spot and with four blackish macular bands; first and second bands interior, less complete than the third and fourth bands, which are exterior; a few small intermediate blackish speckles. Length of the body 4 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 87. ZUNACETHA.

Mas et fœm. Corpus sat robustum. Proboscis elongata. Palpi validi, pubescentes, verticem non superantes; articulus 3us brevissimus. Antennæ maris pubescentes. Abdomen alas posticas

longe superans. Pedes læves, sat graciles; tibiæ posticæ calcari-
bus quatuor breviusculis. Alæ longæ, sat angustæ; anticæ apice
rotundatæ.

Male and female. Body moderately stout. Proboscis elon-
gate. Palpi stout, pubescent, applied to the head, not rising higher
than the vertex; third joint extremely short. Antennæ pubescent in
the male, smooth in the female. Abdomen extending much beyond
the hind wings. Legs smooth, rather slender; hind tibiæ with
four rather short spurs. Wings long, rather narrow. Fore wings
rounded at the tips; costa straight; exterior border very slightly
convex, rather oblique.

1. ZUNACETHA BIPARTITA.

Mas et fœm. *Alba; caput luteum; thorax nigro fasciatus, an-
tice luteus; alæ anticæ costa basi, annulo magno, linea ob-
liqua angulata radiisque exterioribus nigris, striga costali
basali maculoque discali luteis; posticæ apud marginem exte-
riorem plus minusve fuscescentes.*

Male and female. White, shining. Head and thorax bright
luteous. Thorax with a slender black band in front. Fore wings
with a luteous streak along the base of the costa, which is black at
the base; a large irregular black basal ringlet, contiguous on the
outer side to a luteous spot which adjoins an oblique slightly angu-
lar black line, whence nine black lines proceed to the exterior bor-
der. Hind wings more or less brownish about the exterior border.
Length of the body $6\frac{1}{2}$ —7 lines; of the wings 16—17 lines.

a, b. Honduras. From Mr. Dyson's collection.

Genus 88. PINDICITORA.

Mas et fœm. Corpus robustum. Fasciculus frontalis pro-
ductus. Proboscis brevis, gracilis. Palpi porrecti, validi, pilosi,
capitis latitudine non breviores; articulus 3us parvus, longi-conicus.
Antennæ breves. Abdomen alas posticas superans. Pedes læves,
longiusculi; tibiæ posticæ quadricalcaratæ. Alæ anticæ elongatæ,
angustæ, apice rotundatæ, margine exteriori convexo subobliquo.
Mas.—Minor. Alæ breviores. Antennæ late pectinatæ. *Fœm.*—
Antennæ glabræ.

Male and female. Body stout. Frontal tuft rather prominent.
Proboscis short, slender. Palpi porrect, stout, pilose, as long as the

breadth of the head; third joint elongate-conical, acute, not more than one-fourth of the length of the second. Antennæ short. Abdomen extending beyond the hind wings. Legs smooth, rather long; hind tibiæ with one spur in each pair much longer than the other. Wings elongate. Fore wings narrow, rounded at the tips; costa straight; exterior border convex, slightly oblique. *Male*.—Smaller than the female. Wings shorter. Antennæ broadly pectinated. *Female*.—Antennæ smooth, simple.

1. PINDICITORA THYSBESALIS.

Mas et fœm. *Subochraceo-cinerea; alæ anticæ nigro subconspersæ, fusco bifasciatæ, fascia 1a informi interrupta, 2a lata lituram discalem albam sublunulatam includente, strigis submarginalibus fuscis, punctis marginalibus nigris; alæ posticæ pallide cinereæ.*

Male and female. Cinereous, with an ochraceous tinge, paler beneath. Fore wings thinly black-speckled, with two brown bands; first band near the base, irregular and interrupted; second broad, regular, including a white sublunate discal mark; submarginal streaks brown; marginal points black. Hind wings pale cinereous. Length of the body 6—7 lines; of the wings 10—15 lines.

a, b. Ceylon. Presented by Dr. Templeton.

c—f. Ceylon. From M. Nietner's collection.

2. PINDICITORA? ZEUXOALIS.

Fœm. *Rufescente-fusca, cinereo ex parte suffusa; alæ anticæ breviusculæ, albo bilineatæ, linea 1a flexa abbreviata, 2a exteriore undulata; posticæ linea exteriore albida indistincta subrecta.*

Female. Reddish brown, partly tinged with cinereous. Abdomen not extending beyond the hind wings. Legs not long. Wings rather short; fringe long. Fore wings with two white lines; first line extending from the exterior border to the disk, where it is bent outward and terminates in a lanceolate streak; second line exterior, undulating. Hind wings with an exterior indistinct nearly straight whitish line. Length of the body 3 lines; of the wings 8 lines.

a. Ceylon. Presented by Dr. Templeton.

3. PINDICITORA ACREONALIS.

Mas et fœm. *Cinereo-fusca*; *alæ anticæ lineis duabus cinereis diffusis undulatis*, 1a media, 2a submarginali, reniformi parva cinerea; *posticæ pallide cinereæ*.

Male and female. Cinereous-brown. Abdomen, hind wings and under side pale cinereous. Fore wings with two more or less diffuse undulating cinereous lines, one in the middle, the other submarginal; reniform mark small, cinereous. Length of the body $3\frac{1}{2}$ — $4\frac{1}{2}$ lines; of the wings 9—12 lines.

Ceylon. In Mr. Layard's collection.

4. PINDICITORA? ANNUSALIS.

Mas. *Cinerea*; *palpi fusci, porrecti, apice cinerei*; *antennæ late pectinatæ*; *pedes anteriores fusci*; *alæ anticæ fusco conspersæ, apice rotundatæ, margine exteriori perobliquo*.

Male. Cinereous. Palpi porrect, brown, cinereous towards the tips; third joint acute, not more than one-third of the length of the second. Antennæ broadly pectinated. Abdomen extending a little beyond the hind wings; apical tuft rather long. Anterior legs brown. Fore wings speckled with brown; costa convex; tips rounded; exterior border very oblique. Hind wings with the interior border broadly fringed. Length of the body 4 lines; of the wings 8 lines.

Ceylon. In Mr. Layard's collection.

Genus 89. MELITARA.

Mas. Corpus robustum. Proboscis obsoleta. Palpi maxillares breves, decumbentes. Palpi labiales validi, porrecti, pilosi, longiusculi, articulo 3o brevi. Antennæ vix pectinatæ. Abdomen alas posticas paullo superans, fasciculo apicali subquadrato. Pedes validi, longiusculi, subpilosi; tibiæ posticæ quadricalcaratæ. Alæ anticæ angustæ, apice rotundatæ. Fœm.—Antennæ glabræ, gracillimæ.

Male. Body stout. Proboscis obsolete. Maxillary palpi short, declining. Labial palpi stout, porrect, pilose, as long as the breadth of the head; third joint short. Antennæ hardly pectinated. Abdomen extending a little beyond the hind wings; apical tuft

subquadrate. Legs stout, slightly pilose, rather long; hind tibiæ with four moderately long spurs. Wings elongate. Fore wings narrow, rounded at the tips; costa straight; exterior border convex, hardly oblique. Hind wings semihyaline. *Female*.—Antennæ smooth, very slender.

1. MELITARA PRODENIALIS.

Mas. *Pallide cinereo-cervina; alæ anticæ nigro subconspersis antice albido-cinereæ, lineis duabus nigris angulosis remotis, 2a cinereo marginata, puncto discali punctisque marginalibus nigris; posticæ albæ, semihyalinæ apud costam pallide cervinæ, linea marginali fusca.*

Male. Pale cinereous fawn-colour. Fore wings very thinly and minutely black-speckled, mostly whitish cinereous in front; interior and exterior lines black, zigzag, remote from each other, the latter bordered with pale cinereous; discal point and marginal points black. Hind wings white, semihyaline, pale fawn-coloured along the costa; marginal line brown. Length of the body 6—9 lines; of the wings 16—20 lines.

a. United States. Presented by E. Doubleday, Esq.

Genus 90. ADRA.

Mas. Corpus sat robustum. Proboscis brevis. Palpi porrecti, caput paullo superantes; articulus 2us subtus pubescens; 3us gracilis, acutus, minimus. Antennæ breviusculæ, pectinatæ. Abdomen alas posticas superans, apice subcompressum vix fasciculatum. Pedes læves, sat validi; tibiæ posticæ quadricalcaratæ. Alæ anticæ angustæ, elongatæ, apice subrotundatæ, margine exteriore perobliquo.

Male. Body rather stout. Proboscis short. Palpi porrect, extending a little beyond the head; second joint moderately stout, pubescent beneath; third acute, very much more slender than the second, and not more than one-sixth of its length. Antennæ rather short, moderately pectinated. Abdomen extending beyond the hind wings, slightly compressed at the tip; apical tuft extremely small. Legs smooth, rather stout; hind tibiæ with four moderately long spurs. Wings narrow, elongated. Fore wings slightly rounded at the tips; costa straight; exterior border convex, very oblique.

1. ADRA ARGENTILINEA.

Mas. *Cervina*; *alæ anticæ fasciis quatuor indeterminatis e nebulis fuscis, vitta discali argentea*; *posticæ cinereæ, fimbria albida*.

Male. Fawn-colour, mostly cinereous beneath. Fore wings partly clouded with brown, which hue forms irregular and incomplete bands; a silvery stripe along the fore part of the disk. Hind wings cinereous; fringe whitish. Length of the body $5\frac{1}{2}$ lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 91. LACIPEA.

Fæm. Corpus sat robustum. Proboscis brevis. Palpi oblique ascendentes, verticem non superantes; articulus 3us minimus. Antennæ validæ, breves. Abdomen alas posticas superans. Pedes robusti, femoribus tibiisque posticis dilatatis. Alæ anticæ sat angustæ, apice subrotundatæ, margine exteriori vix obliquo.

Female. Body rather stout. Proboscis short. Palpi obliquely ascending, not rising above the vertex; third joint very minute, not so much as one-fourth of the length of the second. Antennæ stout, not more than half the length of the body. Thorax smooth; tegulæ long. Abdomen extending beyond the hind wings. Legs stout, bare; hind femora and hind tibiæ dilated, especially the latter. Wings rather narrow; fringe broad. Fore wings slightly rounded at the tips; exterior border hardly oblique.

1. LACIPEA MUSCOSELLA.

Mas. *Fusca*; *alæ anticæ testaceo substrigatæ, litura discali nigra angulata maculam pallide testaceam includente*; *posticæ cinerascetes*.

Female. Brownish. Abdomen, hind wings and under side more cinereous. Thorax and fore wings irregularly streaked with testaceous. Fore wings with a black angular discal mark, which includes a pale testaceous spot in its angle. Length of the body $4\frac{1}{2}$ lines; of the wings 10 lines.

Ceylon. In Mr. Layard's collection.

Fam. 3. CRAMBIDÆ.

Crambidæ, *Sta.*

Genus 1. CHILO.

Chilo, *Zk.*—*Topeutis*, *Hb.*

Europe and the neighbouring regions.

1. CHILO MUCRONELLUS.

mucronellus, *Sc.*—*acuminella*, *Hb.**a, b.* England. From Mr. Stephens' collection.*c—h.* England. From Mr. King's collection.*i.* Europe. From M. Becker's collection.

2. CHILO FORFICELLUS.

forficellus, *Thnb.*—*consortella*, *Hb.*—*consorta*, *Hw.*—*lanceolella*,
Hb.—*hirta*, *Hw.*—*fumea*, *Hw.*—*caudea*, *Hw.*—*caudellus*, *St.**a—k.* England. From Mr. Stephens' collection.*l, m.* England. From Mr. Chant's collection.*n—q.* England.*r—v.* Europe. From M. Becker's collection.*u*, Germany. From M. Heminghoffen's collection.*w.* ——— ?

3. CHILO GIGANTELLUS.

gigantellus, *W. V.*—*punctigerellus*, *St.**a—k.* England. From Mr. Stephens' collection.*l.* England. From Mr. King's collection.*m—o.* England.

4. CHILO PHRAGMITELLUS.

phragmitellus, *Hb.*—*rhombea*, *Hw.*—*gigantea*, *Hw.*—*gigantellus*,
*St.**a—p.* England. From Mr. Stephens' collection.*q, r.* England. Presented by — Longley, Esq.*s.* England. Presented by S. Stevens, Esq.*t.* England. From Mr. King's collection.*v.* Europe. From M. Becker's collection.*u—y.* ——— ?

5. CHILO CICATRICELLUS.

cicatricellus, *Tr.*—Treitschkeella, *Frr.*—amplella? *Hb.*

South America.

6. CHILO PORRECTELLUS.

Mas. *Pallide cervinus; palpi labiales capitis latitudine fere duplo longiores; antennæ setulosæ; abdomen alas posticas dimidio superans; alæ anticæ postice flavescence-cinereæ, punctis paucis discalibus lineaque submarginali recta obliqua postice obsoleta fuscis, punctis marginalibus nigris; posticæ fuscescente-cinereæ.*

Male. Pale fawn-colour, cinereous beneath. Labial palpi nearly twice longer than the breadth of the head; third joint less than one-third of the length of the second. Maxillary palpi about one-fourth of the length of the labial palpi. Antennæ setulose. Abdomen extending for full half its length beyond the hind wings. Legs very long. Fore wings narrow, acute, yellowish-cinereous hindward, with a few brown discal points and with a straight oblique brown submarginal line, which is obsolete hindward; marginal points black. Hind wings brownish cinereous. Length of the body 7 lines; of the wings 14 lines.

a. *Ega.* From Mr. Bates' collection.

7. CHILO SUBCERVINELLUS.

Mas et fœm. *Auratus; caput et thorax cervina; palpi labiales capitis latitudine non breviores; abdomen albidum; alæ anticæ apud costam cervinæ; posticæ albidæ.*

Male and female. Gilded. Head, thorax and costal space of the fore wings fawn-colour. Labial palpi as long as the breadth of the head. Maxillary palpi nearly half the length of the labial palpi. Abdomen, hind wings and under side whitish. Wings elongate, rather narrow. Fore wings slightly acute; exterior border very oblique. Length of the body 7 lines; of the wings 16 lines.

a, b. Honduras. From Mr. Dyson's collection.

8. CHILO? INFUSELLUS.

Rufescente-testaceus, sat robustus; pedes validi; alæ anticæ apice rotundatæ, atomis nonnullis punctoque discali nigris; posticæ albæ.

Testaceous, tinged with red, rather stout. Legs stout, smooth, moderately long. Fore wings moderately broad, slightly rounded at the tips, with a black discal point and with a few black speckles, the latter indicating an oblique exterior line; exterior border straight, slightly oblique. Hind wings white. Length of the body 6? lines; of the wings 16 lines.

a. Santarem. From Mr. Bates' collection.

Africa.

9. CHILO DISCELLUS.

Mas. *Albido-stramineus*; *caput album*; *thoracis latera cervina*; *abdomen alas posticas longe superans, lateribus fasciculatis*; *alæ anticæ nigro conspersæ, vitta discali diffusa nigricante, punctis marginalibus nigris*; *posticæ albæ*.

Male. Whitish straw-colour. Head white. Labial palpi fawn-colour beneath, much longer than the breadth of the head. Maxillary palpi obliquely tufted, much less than half the length of the labial palpi. Thorax fawn-coloured on each side. Abdomen white, slightly tufted along each side, extending very far beyond the hind wings. Fore wings acute, minutely black-speckled, with a diffuse discal blackish stripe; marginal points black, the hindmost one elongated; exterior border straight, slightly oblique. Hind wings white. Length of the body 8 lines; of the wings 18 lines.

a, b. South Africa. Presented by Sir A. Smith.

c. South Africa. Presented by R. Trimen, Esq.

d, e. Port Natal. From M. Guenzius' collection.

Madagascar, &c.

10. CHILO CARNIFEX.

carnifex, Cyl.

Madagascar.

11. CHILO MAURICIELLUS.

Fœm. *Testaceo-cinereus, sat robustus*; *palpi capitis latitudine fere duplo longiores*; *abdomen alas posticas longe superans*; *alæ anticæ acutæ, sat angustæ, punctis marginalibus nigris*; *posticæ albido-cinereæ*. Mas.—*Palpi labiales breviores, crassiores, minus acuti*; *antennæ glabræ*; *alæ anticæ breviores, obscuriores*; *posticæ fuscescente-cinereæ*.

Female. Testaceous-cinereous, rather stout, whitish cinereous beneath. Labial palpi nearly twice longer than the breadth of the head. Maxillary palpi very short. Abdomen extending much beyond the hind wings. Legs moderately long and stout. Fore wings acute, rather narrow; marginal points black; costa slightly convex; exterior border nearly straight, moderately oblique. Hind wings whitish cinereous. Length of the body 8 lines; of the wings 16 lines.

Male. Labial palpi a little shorter, stouter and less acute than those of the female. Antennæ robust, smooth. Fore wings shorter, darker and less acute than those of the female. Hind wings brownish cinereous. Length of the body $5\frac{1}{2}$ lines; of the wings 12—13 lines.

a—e. Mauritius. From Dr. Beke's collection.

Asia.

12. CHILO NIVELLUS.

nivellus, Klr.

Caschmir.

13. CHILO EXCERPTALIS.

Mas. Albus; palpi breves; antennæ validæ, pubescentes; abdomen testaceum, basi album; pedes longissimi, gracillimi; alæ anticæ acutæ, sat angustæ, margine exteriori perobliquo.

Male. White. Labial palpi porrect, slender, apart from each other, much shorter than the breadth of the head. Maxillary palpi obliquely ascending, very short and slender. Antennæ stout, pubescent. Abdomen extending somewhat beyond the hind wings, testaceous, except towards the base. Legs very long and slender. Fore wings acute, rather narrow; exterior border hardly convex, very oblique. Length of the body 6 lines; of the wings 14 lines.

a. North Hindostan. From Mr. Stevens' collection.

14. CHILO SPURCATELLUS.

Mas. Cervinus; palpi breves, oblique ascendentes; antennæ subsetulosæ; abdomen alas posticas paullo superans; pedes postici longissimi, femoribus brevissimis; alæ fascia submarginali diffusa fusca, punctis marginalibus nigricantibus; anticæ vitta subcostali fusca lata guttas nigricantes includente, spatio postico pallide cinereo.

Male. Fawn-colour. Palpi short, obliquely ascending. Antennæ minutely setulose. Abdomen extending a little beyond the hind wings. Hind legs with short femora and very long tibiæ and tarsi. Wings with a diffuse brown submarginal band; marginal points blackish. Fore wings acute, with a broad irregular brown subcostal stripe, which contains some blackish dots; space along the interior border and hind wings pale cinereous. Length of the body 5 lines; of the wings 14 lines.

a. Shanghai. From the Entomological Society's collection.

Australasia.

Sect.

Mas. Corpus sat gracile. Fasciculus frontalis subproductus. Proboscis obsoleta. Palpi ascendentes, brevissimi. Antennæ subserratae, subpubescentes. Abdomen alas posticas longe superans. Pedes longi, graciles. Alæ anticae angustae, acutae, costa recta, margine exteriori subconvexo perobliquo.

Male. Body rather slender. Frontal tuft slightly prominent. Proboscis obsolete. Palpi ascending, very short. Antennæ indistinctly serrated, very minutely pubescent. Abdomen extending much beyond the hind wings; apical tuft small. Legs long, smooth, slender; hind tibiæ with four long spurs. Wings elongate, narrow. Fore wings acute; costa straight; exterior border slightly convex, very oblique.

15. CHILO INCERTULAS.

Mas. *Pallidissime cervinus*; alæ anticae fusco conspersae, puncto discali punctisque marginalibus nigris, linea exteriori e strigulis diffusis nigris; posticae albidæ.

Male. Very pale fawn-colour. Fore wings minutely speckled with brown; discal point black; an exterior oblique blackish line composed of diffuse short streaks; marginal points black. Hind wings whitish. Length of the body 7 lines; of the wings 14 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

This species has much resemblance to *C. forficellus*.

Sect. N.

Mas. Corpus sat validum. Palpi porrecti; maxillares breves; labiales capitis latitudine duplo longiores, articulo 3o sat brevi. Antennæ robustæ. Pedes longiusculi, sat graciles. Alæ anticæ acutæ, costa vix convexa, margine exteriori obliquo subconvexo.

Male. Body rather stout. Palpi porrect. Maxillary palpi less than half the length of the labial palpi. Labial palpi lanceolate, about twice longer than the breadth of the head; third joint less than half the length of the second. Antennæ stout. Legs smooth, rather long and slender; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings acute; costa hardly convex; exterior border slightly convex, moderately oblique.

16. CHILO VENOSATUS.

Mas. *Cervinus; alæ albidæ, punctis marginalibus fuscis; anticæ lineis plurimis cervinis, litura discali e punctis duobus fuscis.*

Male. Fawn-colour. Wings whitish, with brown marginal points. Fore wings with numerous fawn-coloured lines, which are mostly along the veins; discal mark composed of two brown points. Length of the body 6? lines; of the wings 14 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Country unknown.

17. CHILO REPUGNATALIS.

Mas. *Fuscus, subtus argenteo-albidus; antennæ pubescentes; abdomen cervinum, alas posticas plus dimidio superans; pedes longi, sat graciles; alæ anticæ cinereæ, angustæ, apice subrotundatæ, dimidio antico fuscescente, puncto discali punctisque marginalibus nigricantibus; posticæ albidæ.*

Male. Brown, silvery whitish beneath. Labial palpi porrect, shorter than the breadth of the head. Maxillary palpi more than half the length of the labial palpi. Antennæ pubescent. Abdomen very long, fawn-colour above, extending for much more than half its length beyond the hind wings. Legs long, smooth, rather slender. Fore wings cinereous, narrow, slightly rounded at the tips, thickly speckled with brown on half the breadth from the costa and

about the exterior border; discal point and marginal points blackish; exterior border convex, rather oblique. Hind wings whitish. Length of the body 8 lines; of the wings 16 lines.

a. ———?

Genus 2. SCIRPOPHAGA.

Scirpophaga, *Tr.*—*Topeutis*, *Hb.*

1. SCIRPOPHAGA PRÆLATA.

præolata, *Sc.*—*alba*, *Hb.*—*gigantella*, *Dp.*—*phantasmella*, *Tr.*—*phantasmatella*, *Hb.*

Genus 3. ANCYLOLOMIA.

Ancylolomia, *Hb.*

Europe and the neighbouring regions.

1. ANCYLOLOMIA PALPELLA.

palpella, *Hb.*

2. ANCYLOLOMIA PECTINATELLA.

pectinatella, *Zl.*

3. ANCYLOLOMIA TENTACULELLA.

tentaculella, *Hb.*—*tentaculea*, *Hw.*

4. ANCYLOLOMIA CONTRITELLA.

contritella, *Zl.*

5. ANCYLOLOMIA DISPARELLA.

disparella, *Hb.*

Genus 4. CRAMBUS.

Crambus, *F.*—*Argyroteuchia*, *Hb.*—*Eucarphia*, *Hb.*—*Catoptria*, *Hb.*—*Agriphila*, *Hb.*—*Pediasia*, *Hb.*—*Chrysoteuchia*, *Hb.*—*Exoria*, *Hb.*—*Thisanotia*, *Hb.*

Europe and the neighbouring regions.**1. CRAMBUS ALPINELLUS.**

alpinella, *Hb.*—*alpicolalis*, *Hb.*

a, b. Europe. From M. Becker's collection.

c. Germany. From M. Himmighoffen's collection.

2. CRAMBUS CARACTELLUS.

caractellus, *Zl.*

3. CRAMBUS CAUDIELLUS.

caudiellus, *H.-S.*

4. CRAMBUS CORSICELLUS.

corsicellus, *Dp.*

5. CRAMBUS HAMELLUS.

hamellus, *Thnb.*—*baccæstria*, *Hw.*—*ensigerella*, *Hb.*

a—f. England. From Mr. Stephens' collection.

g—i. England. From Mr. Chant's collection.

j. England. Presented by E. Shepherd, Esq.

k. England.

6. CRAMBUS MALACELLUS.

malacellus, *Dp.*

7. CRAMBUS DUMETELLUS.

dumetella, *Hb.*—*pratella*, *Hb.*

a—d. England. From Mr. Stephens' collection.

e. England.

8. CRAMBUS LUCELLUS.

lucellus, *H.-S.*

9. CRAMBUS ALFACARELLUS.

Alfacarellus, *Std.*

10. CRAMBUS PRATORUM.

pratorum, *F.*—pratella, *F.*—pratea, *Hw.*—angustellus, *St.*—erice-
cellus, *Wd.*

a—m. England. From Mr. Stephens' collection.

n. England. From Mr. Foxcroft's collection.

o, p. England. From Mr. Chant's collection.

q, r. England. From Mr. Stevens' collection.

s—u. England.

11. CRAMBUS NEMORELLUS.

nemorella, *Hb.*—enemoralis, *Hb.*

12. CRAMBUS ULIGINOSELLUS.

uliginosellus, *Zl.*

a, b. England. Presented by J. C. Dale, Esq.

c—h. England. From Mr. Stephens' collection.

i. England. From Mr. King's collection.

13. CRAMBUS PASCUELLUS.

pascuellus, *Zl.*

a—h. England. From Mr. Stephens' collection.

l, m. England. From Mr. Stevens' collection.

n, o. England. From Mr. Foxcroft's collection.

p. England. From Mr. Bouchard's collection.

q—s. England.

t, v. Europe. From M. Becker's collection.

u. Italy. From Dr. Leach's collection.

w, x. ———?

14. CRAMBUS EXTINCTELLUS.

extinctellus, *Std.*

15. CRAMBUS SILVELLUS.

silvellus, *Hb.*—adippellus, *Zk.*

a—c. England. From Mr. Stephens' collection.

d—h. England. From Mr. King's collection.

i, j. England. Presented by J. C. Dale, Esq.

16. CRAMBUS ERICELLUS.

ericellus, *Hb.*

a—c. England. From Mr. Stephens' collection.

d, e. Scotland. From Mr. Stevens' collection.

17. CRAMBUS HERINGIELLUS.

Heringiellus, *H-S.*

18. CRAMBUS ALIENELLUS.

alienellus, *Zk.*—ocellellus, *Ztt.*—tigurinellus, *Dp.*—Zinckenellus, *Sod.*

19. CRAMBUS HORTUELLUS.

hortuellus, *Hb.*—strigellus, *F.*—strigatus, *F.*—cespitella, *Hb.*—hortuellus, var. *Dp.*—caricetalis, *Hb.*

a—m. England. From Mr. Stephens' collection.

n, o. England. From Mr. Stevens' collection.

p—t. England.

u—z. Europe. From M. Becker's collection.

20. CRAMBUS CERUSELLUS.

cerusellus, *W. V.*—quadrella, *W. V.*—auriferella, *Hb.*—aurifera, *Hw.*—barbella, *Hb.*—cerusellus, *Ct.*—pygmæus, *St.*

a—e. England. From Mr. Stephens' collection.

f, g. England. From Mr. Bouchard's collection.

h. England. Presented by E. Shepherd, Esq.

i. England. Presented by J. C. Dale, Esq.

j. England.

k, l. Europe. From M. Becker's collection.

21. CRAMBUS ORIENTELLUS.

orientellus, *H.-S.*

22. CRAMBUS RORELLUS.

rorellus, *L.*—chrysonuchella, *Hb.*

a—h. England. From Mr. Stephens' collection.

i—l. England. From Mr. Bouchard's collection.

m, n. Europe. From M. Becker's collection.

o, p. Germany. From M. Himmighoffen's collection.

23. CRAMBUS CASSENTINIELLUS.

cassentiniellus, *Zl.*

24. CRAMBUS CHRYSONUHELLUS.

chrysonuchellus, *Sc.*—campella, *Hb.*—campea, *Hw.*

a—d. Europe. From M. Becker's collection.

25. CRAMBUS CATALAUNIELLUS.

catalauniellus, *H.-S.*

26. CRAMBUS MACULALIS.

maculalis, *Ztt.*—cacuminalis, *Zl.*

27. CRAMBUS VERELLUS.

verellus, *Zk.*

28. CRAMBUS FALSELLUS.

falsellus, *W. V.*—falsa, *Hw.*—abruptella, *Wenner.*

a—e. England. From Mr. Stephens' collection.

f, g. England. From Mr. King's collection.

k—o. England.

p, q. Europe. From M. Becker's collection.

29. CRAMBUS INCERTELLUS.

incertellus, *Zk.*

30. CRAMBUS PAUPERELLUS.

pauperellus, *Tr.*

31. CRAMBUS CONCHELLUS.

conchellus, *W. V.*—stentziellus, *Zl.*

a. Germany. From M. Himmighoffen's collection.

32. CRAMBUS PINETELLUS.

pinetellus, *L.*—pineti, *Hw.*—conchella, *Hb.*

a—i. England. From Mr. Stephens' collection.

j—o. England. From Mr. Foxcroft's collection.

p. England. From Mr. Bouchard's collection.

q, r. England.

s. Europe. From M. Himmighoffen's collection.

t. ——— ?

33. CRAMBUS MYTILELLUS.

mytilellus, *Hb.*

34. CRAMBUS MYELLUS.

myellus, *Hb.*—*conchella*, *Dp.*—*pinetella*, *Sc.*—*hercyniæ*, *Heinemann.*

35. CRAMBUS SPECULALIS.

speculalis, *Hb.*—*pinetella*, *Hb.*—*conchella*, *Dp.*—*myellus*, *Zk.*

36. CRAMBUS PERMUTALELLUS.

permutatellus, *H.-S.*

37. CRAMBUS LUCTIFERELLUS.

luctiferellus, *Hb.*—*luctellus*, *H.-S.*

38. CRAMBUS PYRAMIDELLUS.

pyramidellus, *Tr.*

39. CRAMBUS MARGARITELLUS.

margaritellus, *F.*—*eumargaritalis*, *Hb.*

a—e. England. From Mr. Stephens' collection.

f—l. England. From Mr. Bouchard's collection.

m—o. England. From Mr. Foxcroft's collection.

p. England. From Mr. Chant's collection.

q—s. England.

t, v. Europe. From M. Becker's collection.

40. CRAMBUS LATISTRIUS.

latistrius, *Hw.*—*Leachellus*, *Zk.*—*Gueneellus*, *Dp.*

a—d. England. From Mr. Stephens' collection.

e, f. England.

41. CRAMBUS MONOTÆNIELLUS.

monotæniellus, *H.-S.*

42. CRAMBUS FURCATELLUS.

furcatellus, *Ztt.*—lapponicellus, *Dp.*—radiellus, *Ct.*—radiolellus, *H.-S.*

a—g. England. From Mr. Stephens' collection.

h, i. England. From Mr. Foxcroft's collection.

j. England.

43. CRAMBUS RADIELLUS.

radiella, *Hb.*

44. CRAMBUS FULGIDELLUS.

fulgidella, *Hb.*

45. CRAMBUS PETRIFICELLUS.

petrificellus, *Dp.*

46. CRAMBUS DIGITELLUS.

digitellus, *H.-S.*

47. CRAMBUS COMBINELLUS.

combinellus, *W. V.*—petrificella, *Hb.*—combinalis, *Hb.*

a, b. Europe. From M. Becker's collection.

48. CRAMBUS COULONELLUS.

Coulonellus, *Dp.*—tæniellus, *Zl.*

49. CRAMBUS LIENIGELLUS.

lienigellus, *Zl.*—truncatellus, *Ztt.*

50. CRAMBUS ARIDELLUS.

aridellus, *Thnb.*

a—e. England. From Mr. Stephens' collection.

f—h. England. From Mr. Bouchard's collection.

i. Scotland. Presented by A. White, Esq.

j, k. Scotland. From Mr. Stevens' collection.

51. CRAMBUS FASCELINUS.

fascelinella, *Hb.*

a, b. Germany. From M. Himmighoffen's collection.

52. CRAMBUS PUDIBUNDELLUS.

pudibundellus, *H.-S.*

53. CRAMBUS FESTIVELLUS.

festivellus, *H.-S.*

54. CRAMBUS JUCUNDELLUS.

jucundellus, *H.-S.*

55. CRAMBUS PEDRIOLELLUS.

pedriolellus, *Dp.*—spuriella, *Geyer.*

56. CRAMBUS ACUTANGULELLUS.

acutangulellus, *H.-S.*

57. CRAMBUS AURELIELLUS.

aureliellus, *F. R.*

a, b. Germany. From M. Himmighoffen's collection.

58. CRAMBUS SAXONELLUS.

saxonellus, *Zk.*—chrysellus, *Tr.*

a. Germany. From M. Himmighoffen's collection.

59. CRAMBUS PALUDELLUS.

paludellus, *Hb.*—obtusellus? *Stt.*

60. CRAMBUS INQUINATELLUS.

inquinatellus, *W. V.*—rorea, *Hw.*—luteellus, *St.*

a—h. England. From Mr. Stephens' collection.

i, j. England. From Mr. Chant's collection.

k. England. From Mr. Foxcroft's collection.

l—q. England.

r—v. Europe. From M. Becker's collection.

u—y. Germany. From M. Himmighoffen's collection.

61. CRAMBUS PALEATELLUS.

paleatellus, *Zl.*

62. CRAMBUS TERSELLUS.

tersellus, *Ld.*

63. CRAMBUS TRABEATELLUS.

trabeatellus, *H.-S.*

64. CRAMBUS SICULELLUS.

siculellus, *Dp.*

65. CRAMBUS GENICULEUS.

geniculeus, *Hw.*—immistella, *Hb.*—angulatellus, *Dp.*—inquinatellus, *St.*—suspectellus, *Zl.**a—g.* England. From Mr. Stephens' collection.*h—m.* England. From Mr. Chant's collection.*n.* England.*o—s.* England. From Mr. Foxcroft's collection.

66. CRAMBUS CONTAMINELLUS.

contaminella, *Hb.*—inquinatella, *Hb.*

67. CRAMBUS DESERTELLUS.

desertellus, *Ld.*

68. CRAMBUS MATRICELLUS.

matricellus, *Tr.*

69. CRAMBUS POLIELLUS.

poliellus, *Tr.*—lotella? *Hb.*

70. CRAMBUS CULMELLUS.

culmellus, *L.*—straminella, *Hb.*—striga, *Hw.**a—g.* England. From Mr. Stephens' collection.*h—k.* England. From Mr. King's collection.*l, m.* England. From Mr. Chant's collection.*n—q.* England.*r.* Europe. From M. Becker's collection.

71. CRAMBUS TRISTELLUS.

tristellus, *W. V.*—ferrugella, *Thnb.*—culmella, *F.*—culmorum, *F.*
—aquilella, *Hb.*—paleella, *Hb.*—culmea, *Hw.*—tristis, *St.*—
petrificellus, *St.*—fuscelinellus, *St.*—nigristriellus, *St.**a—s.* England. From Mr. Stephens' collection.

- t—dd.* England.
ee—ii. Europe. From M. Becker's collection.
jj. Germany. From M. Himmighoffen's collection.

72. CRAMBUS QUADRIFIDELLUS.

quadrifidellus, *Ld.*

73. CRAMBUS PRATELLUS.

- pratellus*, *L.*—*selasella*, *Hb.*—Var. *obtusellus*, *St.*
a—d. England. From Mr. Stephens' collection.
e—p. England. From Mr. Bouchard's collection.
q—v. Europe. From M. Becker's collection.

74. CRAMBUS DELIELLUS.

deliellus, *Hb.*

75. CRAMBUS LUTEELLUS.

- luteella*, *W. V.*—*convolutella*, *W. V.*—*ochrella*, *Hb.*—*exsoletella*,
Hb.
a, b. Europe. From M. Becker's collection.

76. CRAMBUS PERLELLUS.

- perlellus*, *Sc.*—*dealbella*, *Thnb.*—*argenteus*, *F.*—*arbustea*, *Hw.*—
argyrea, *Hw.*—*argentellus*, *St.*—*arbustorum*, *St.*—Var. *li-*
thargyrellus, *St.*—*Warringtonellus*, *Sta.*
a—l. England. From Mr. Stephens' collection.
m—u England. From Mr. Bouchard's collection.
w—bb. England. From Mr. Chant's collection.
cc—jj. England.
kk—nn. Europe. From M. Becker's collection.
oo. Germany. From M. Himmighoffen's collection.

Var. *lithargyrellus*.

- a.* England. From Mr. Stephens's collection.

Var. *Warringtonellus*.

- a, b.* England. Presented by J. C. Dale, Esq.
c—l. England. From Mr. Stephens' collection.
m, n. England. From Mr. Chant's collection.
o. England. Presented by J. C. Dale, Esq.
p, q. England. From Mr. Foxcroft's collection.
r. England. From Mr. Bouchard's collection.

77. CRAMBUS MONOCHROMELLUS.

monochromellus, H.-S.

78. CRAMBUS LITHARGYRELLUS.

lithargyrellus, Hb.

a. Europe. From M. Becker's collection.

b. Germany. From M. Himmighoffen's collection.

North America.

79. CRAMBUS LABRADORIENSIS.

labradoriensis, Chrtph.

Labrador.

80. CRAMBUS TRICHOSTOMUS.

trichostomus, Chrtph.

Labrador.

81. CRAMBUS CHRYSOSTOMUS.

chrysostomus, Chrtph.

82. CRAMBUS MÆSTELLUS.

Fœm. *Fuscus ; abdomen fuscescente-cinereum ; alæ anticæ atomis nullis nigris, lineis diffusis albidis, punctis marginalibus nigris ; posticæ fuscescente-cinereæ.*

Female. Brown, whitish beneath. Labial palpi not longer than the breadth of the head. Maxillary palpi very short. Abdomen brownish cinereous, extending a little beyond the hind wings. Fore wings with some black speckles and with some diffuse whitish lines ; marginal points black ; interior border slightly convex and oblique. Hind wings brownish cinereous. Length of the body 4 lines ; of the wings 10 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

83. CRAMBUS HASTIFERELLUS.

Mas et fœm. *Cervinus, subtus albus ; palpi labiales subarcuati, capitis latitudine multo longiores ; alæ anticæ vitta subcostali*

argentea extus lanceolata apice furcata, linea submarginali argentea antice angulata, spatio apicali albo strigulam obliquam albam includente, punctis marginalibus nigris elongatis; posticæ albæ.

Male and female. Fawn-colour, white beneath. Labial palpi lanceolate, porrect, very slightly curved downward, much longer than the breadth of the head; third joint lanceolate, nearly half the length of the second. Maxillary palpi very short. Abdomen whitish. Fore wings with a subcostal silvery stripe, which is lanceolate exteriorly and forked near the tip; submarginal line silvery, angular in front, where it is contiguous to the white apical space; the latter includes an oblique fawn-coloured streak; marginal points black, longitudinally elongated. Hind wings white. Length of the body $3\frac{1}{2}$ —5 lines; of the wings 8—12 lines.

a—h. Nova Scotia. From Lieut. Redman's collection.

84. CRAMBUS INNOTATELLUS.

Mas et fœm. *Argenteo-albus; palpi labiales capitis latitudine multo longiores; alæ anticæ subtus fuscæ; posticæ æneo sub-tinctæ.*

Male and female. Silvery white. Labial palpi very much longer than the breadth of the head. Maxillary palpi very short. Fore wings brown beneath. Hind wings with a slight æneous tinge. Length of the body 5 lines; of the wings 12 lines.

a—d. Nova Scotia. From Lieut. Redman's collection.

85. CRAMBUS INTERMINELLUS.

Mas et fœm. *Testaceus aut pallide ochraceus; palpi labiales capitis latitudine multo longiores; abdomen alas posticas paullo superans; alæ anticæ nigro subconspersæ, posticæ purpurascente-cinereæ, strigis duabus angulatis obliquis nonnunquam interruptis e squamis nigris, punctis marginalibus nigris, costa vix convexa; posticæ subæneo-albidæ.*

Male and female. Testaceous or pale ochraceous, paler beneath. Labial palpi much longer than the breadth of the head. Abdomen extending a little beyond the hind wings. Fore wings very thinly and minutely black-speckled, mostly purplish-cinereous hindward; two angular oblique often indistinct and incomplete

streaks composed of black speckles; marginal points black; costa hardly convex; exterior border slightly convex, moderately oblique. Hind wings whitish, with a slight æneous tinge. Length of the body 5—6 lines; of the wings 11—14 lines.

a—f. Nova Scotia. From Lieut. Redman's collection.

86. CRAMBUS AURIFIMBRIALIS.

Mas et fœm. *Pallide stramineus; palpi labiales capitis latitudine multo longiores; alæ anticæ acutæ, sat angustæ, fusco conspersæ, punctis marginalibus nigris, fimbria aurata; posticæ pallide cinereæ.*

Male and female. Pale straw-colour, somewhat dingy beneath. Labial palpi very much longer than the breadth of the head. Abdomen and hind wings pale cinereous. Fore wings acute, rather narrow, speckled with brown between the veins; marginal points black; fringe brilliantly gilded; costa and exterior border straight, the latter slightly oblique. Length of the body 3—5 lines; of the wings 7—11 lines.

a—j. Nova Scotia. From Lieut. Redman's collection.

87. CRAMBUS INORNATELLUS.

Mas et fœm. *Pallide cervinus; palpi labiales capitis latitudine paullo longiores; abdomen alas posticas vix superans; alæ anticæ acutæ, sat angustæ; posticæ pallide cinereæ.*

Male and female. Palpi fawn-colour, cinereous beneath. Labial palpi a little longer than the breadth of the head; third joint lanceolate, a little shorter than the second. Abdomen and hind wings pale cinereous, the former hardly extending beyond the latter. Fore wings acute, rather narrow, costa straight; exterior border slightly convex and oblique. Length of the body 4—4½ lines; of the wings 10—11 lines.

a, b. Nova Scotia. From Lieut. Redman's collection.

88. CRAMBUS LATIRADIELLUS.

Mas. *Pallide ochraceus; caput album; palpi labiales capitis latitudine vix longiores; alæ anticæ vitta argentea extus latiore e lineolis duabus obliquis ochraceis divisa; posticæ subæneo-albidæ.*

Male. Pale ochraceous. Head white. Labial palpi hardly longer than the breadth of the head. Maxillary palpi very short. Abdomen whitish, not extending beyond the hind wings. Fore wings acute, with a silvery white stripe, which widens outward, and is obliquely intersected by two ochraceous lines. Hind wings whitish, with a slight æneous tinge. Length of the body 4 lines; of the wings 10 lines.

a, b. Nova Scotia. From Lieut. Redman's collection.

89. CRAMBUS ABTRUSELLUS.

Ferrugineus; palpi graciles, capitis latitudine longiores; alæ anticæ acutæ, punctis marginalibus nigris, costa vix convexa, margine exteriori subconvexo; posticæ cinereæ.

Female. Ferruginous. Palpi slender, longer than the breadth of the head. Abdomen and hind wings cinereous, the former not extending beyond the latter. Fore wings acute, moderately broad; marginal points black; costa hardly convex; exterior border slightly convex, moderately oblique. Length of the body 5 lines; of the wings 14 lines.

a. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

90. CRAMBUS ACULEILELLUS.

Mas. Cervinus; palpi labiales graciles, obtusi, capitis latitudine multo longiores; abdomen fasciculis lateralibus parvis, alas posticas longe superans; alæ anticæ angustæ, lanceolatæ, vitta subcostali argentea ramum posticum obliquum emittente apicem versus oblique interrupta, spatio posteriore pallide cinereo, costa subconvexa, margine exteriori perobliquo; posticæ albido-cinereæ.

Male. Fawn-colour. Abdomen and under side paler. Labial palpi slender, smooth, obtuse, very much longer than the breadth of the head; third joint full half the length of the second. Abdomen with minute tufts along each side, extending much beyond the hind wings. Fore wings narrow, attenuated and acute, with a silvery subcostal stripe, which emits a slender oblique branch hindward, and is very obliquely interrupted towards the tip; space along the interior border pale cinereous; costa slightly convex; exterior border straight, very oblique. Hind wings whitish cinereous. Length of the body 6 lines; of the wings 15 lines.

a. Georgia. From Mr. Milne's collection.

91. CRAMBUS CONSOCIELLUS.

Fœm. *Pallide testaceus; alæ anticæ latiusculæ, fusco conspersæ, lineis duabus exterioribus obliquis indistinctis e punctis nigricantibus elongatis, punctis marginalibus nigris elongatis, margine exteriori subundulato; posticæ nigricante-cinereæ, fimbria pallida.*

Female. Pale testaceous, dingy cinereous beneath. Labial palpi nearly twice longer than the breadth of the head. Maxillary palpi very short. Fore wings acute, rather broad, brown-speckled, with two exterior oblique indistinct incomplete lines composed of elongated blackish points; marginal points black, elongated, minute; exterior border slightly concave in front, slightly convex hindward. Hind wings blackish cinereous, fringe pale cinereous. Length of the body $4\frac{1}{2}$ lines; of the wings 9 lines.

a, b. North America. From Mr. Carter's collection.

92. CRAMBUS SEMIFUSELLUS.

Mas. *Pallide luteo-cinereus; alæ anticæ sat angustæ, fusco lineatæ, vittis duabus subcostalibus, strigis exterioribus fimbriaque argenteis, linea submarginali fusca undulata antice retracta, strigis punctisque marginalibus nigris; posticæ argenteo-cinereæ.*

Male. Pale luteous-cinereous. Labial palpi very much longer than the breadth of the head. Maxillary palpi very short. Abdomen extending very little beyond the hind wings. Fore wings acute, rather narrow, with longitudinal brown lines, and with two subcostal silvery stripes which do not extend to the border; exterior streaks and fringe silvery; submarginal line brown, undulating, much retracted in front; marginal streaks and points black; exterior border straight, hardly oblique. Hind wings silvery cinereous; fringe silvery. Length of the body 6 lines; of the wings 14 lines.

a, b. North America. From Mr. Carter's collection.

93. CRAMBUS NIVIHUMELLUS.

Fœm. *Niveus, thorax ochraceo bivittatus; alæ anticæ vitta discali ochracea lata informi antice concisa nigro submarginata postice diffusa apicem versus valde retracta, plagis duabus ochraceis punctisque quatuor elongatis nigris marginalibus, linea marginali fusca.*

Female. Pure white. Labial palpi very much longer than the breadth of the head. Maxillary palpi less than one-fourth of the length of the labial palpi. Thorax with two ochraceous stripes. Abdomen extending a little beyond the hind wings. Fore wings acute, with a broad irregular ochraceous discal stripe which is diffuse hindward, concise and partly black-bordered in front, and is abruptly and deeply retracted towards the tip; two ochraceous patches nearly connected with the stripe, one nearly apical, the other by the interior angle; four transversely elongated black marginal points; marginal line brown; exterior border very slightly convex and oblique. Length of the body 5 lines; of the wings 12 lines.

a, b. North America. From Mr. Carter's collection.

c. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.

West Indies.

94. CRAMBUS FISSIRADIELLUS.

Fœm. *Pallide ochraceus; caput et abdomen albida; palpi labiales capitis latitudine longiores; alæ anticæ vitta discali argentea furcata marginem non attingente, striga posteriore e atomis nigricantibus, spatio adhuc posteriore pallido, puncto discali punctisque marginalibus nigris, margine exteriori perobliquo; posticæ albidæ.*

Female. Pale ochraceous. Head, abdomen and hind wings whitish. Palpi longer than the breadth of the head. Fore wings acute, with a silvery white discal stripe, which is furcate before the middle and does not extend to the border; an incomplete streak of blackish speckles behind the stripe; hind part paler; discal point and marginal points black; costa hardly convex; exterior border slightly convex, very oblique. Length of the body 4 lines; of the wings 10 lines.

a. St. Domingo. From Mr. Tweedie's collection.

b. Jamaica. From Mr. Gosse's collection.

95. CRAMBUS CURTELLUS.

Mas. *Cinereus; palpi labiales pubescentes, capitis latitudine non longiores; alæ anticæ breviusculæ, ochraceo suffusæ, nigro subconspersæ, vitta subcostali lineaque submarginali subundulata argenteis, punctis marginalibus nigris; posticæ cinereæ.*

Male. Cinereous. Wings dingy beneath. Labial palpi pubescent, not longer than the breadth of the head; third joint a little shorter than the second. Wings comparatively broad and short. Fore wings acute, tinged with ochraceous, thinly and irregularly black-speckled, with a slight silvery white subcostal stripe, which extends to two-thirds of the length; submarginal line silvery white, slightly undulating, bordered with black speckles on the inner side; marginal points black; costa and exterior border slightly convex, the latter slightly oblique. Hind wings cinereous. Length of the body 4 lines; of the wings 10 lines.

a. St. Domingo. From Mr. Tweedie's collection.

96. CRAMBUS LEUCANIELLUS.

Fœm. *Pallide testaceus; caput et abdomen alba; palpi pilosi, capitis latitudine multo longiores; pedes sat robusti; alæ anticæ inter venas pallidiores, puncto discali punctisque marginalibus nigris, margine exteriori subobliquo.*

Female. Pale testaceous. Head, abdomen, hind wings and under side white. Palpi pilose, very much longer than the breadth of the head; third joint hardly one-third of the length of the second. Abdomen extending rather beyond the hind wings. Legs rather stout. Fore wings acute, moderately broad, paler between the veins; discal point and marginal points black; costa and exterior border almost straight, the latter slightly oblique. Length of the body 6 lines; of the wings 16 lines.

a. St. Domingo. From Mr. Tweedie's collection.

97. CRAMBUS SERRIRADIELLUS.

Fuscus; caput, thoracis discus anticus et abdomen alba; palpi labiales capitis latitudine breviores; alæ anticæ vitta nivea extus serrata, spatio apud marginem interiorem diffuse albo, punctis marginalibus nigris; posticæ albæ, apud marginem anteriorem subfuscescentes.

Brown. Head, fore disk of the thorax, abdomen, hind wings and under side white. Labial palpi shorter than the breadth of the head. Maxillary palpi nearly as long as the labial palpi. Fore wings acute, with a well-defined pure white stripe, which is somewhat serrated exteriorly and extends to the tips; space along the interior border diffusedly white; marginal points black; costa and exterior border almost straight, the latter slightly oblique. Hind

wings slightly tinged with brown along the exterior border. Length of the body 5 lines; of the wings 14 lines.

a. St. Domingo. From Mr. Tweedie's collection.

98. CRAMBUS PLURIMELLUS.

Fœm. *Ferrugineus; caput albidum; palpi labiales capitis latitudine paullo longiores; abdomen pallidissime cervinum; alæ anticæ nigricante et argenteo conspersæ, linea submarginali valde angulosa, plaga marginali strigulaque arcuata apicali albis; posticæ cinereæ.*

Female. Ferruginous-brown, cinereous beneath. Body white beneath. Head and palpi whitish, the latter brown towards the tips. Labial palpi a little longer than the breadth of the head. Abdomen very pale fawn-colour. Fore wings acute, with blackish and silvery speckles, some of which form a very zigzag submarginal line; fore part not speckled; a white patch on the middle of the exterior border, and a little white curved apical streak; fringe and hind wings cinereous; costa straight; exterior border convex, slightly oblique. Length of the body 5 lines; of the wings 12 lines.

a. St. Domingo. From Mr. Tweedie's collection.

South America.

99. CRAMBUS LINEOSELLUS.

Mas. *Pallide stramineus, sat robustus; palpi labiales capitis latitudine valde longiores; antennæ setulosæ; alæ anticæ lineis duabus exterioribus obliquis e punctis fuscis elongatis, puncto discali punctisque marginalibus nigris; posticæ albido-cinereæ, æneo subinctæ.*

Male. Pale straw-colour, rather stout. Labial palpi very much longer than the breadth of the head. Maxillary palpi less than half the length of the labial palpi. Antennæ setulose. Fore wings moderately broad, slightly acute; two exterior oblique lines, slightly diverging from each other hindward and composed of elongated brown points; discal point and marginal points black; exterior border almost straight, slightly oblique. Hind wings whitish cinereous, with a slight æneous tinge. Length of the body 4? lines; of the wings 10 lines.

a. Honduras. From Mr. Dyson's collection.

100. CRAMBUS IMPERSONATELLUS.

Mas et fœm. *Stramineus ; palpi pilosi, capitis latitudine plus duplo longiores ; alæ anticæ subacutæ, puncto discali punctisque marginalibus nigris ; posticæ pallidiores.*

Male and female. Straw-colour, paler beneath. Labial palpi pilose, more than twice longer than the breadth of the head. Maxillary palpi about one-third of the length of the labial palpi. Antennæ stout, especially at the base. Fore wings moderately broad, slightly acute, with darker veins and with very minute black marginal points ; costa hardly convex ; exterior border slightly convex, moderately oblique ; discal point black. Hind wings paler. Length of the body 6—7 lines ; of the wings 16—18 lines.

a—e. Venezuela. From Mr. Dyson's collection.

f, g. Santarem. From Mr. Bates' collection.

101. CRAMRUS PATULELLUS.

Mas. *Stramineus ; palpi capitis latitudine fere duplo longiores ; antennæ breves, robustæ ; abdomen alas posticas sat superans, fasciculis parvis lateralibus ; alæ anticæ puncto discali punctisque marginalibus nigris, lineis duabus exterioribus abbreviatis nigricantibus, 2a nigro punctata ; posticæ pallidiores.*

Male. Straw-colour, paler beneath. Labial palpi nearly twice longer than the breadth of the head. Maxillary palpi more than one-third of the length of the labial palpi. Antennæ short, stout. Abdomen extending somewhat beyond the hind wings, with small lateral tufts. Wings moderately broad. Fore wings acute ; two abbreviated diffuse blackish lines between the black discal point and the black marginal points ; second line accompanied by elongated black points ; costa and exterior border almost straight, the latter moderately oblique. Hind wings paler, iridescent. Length of the body 6 lines ; of the wings 16 lines.

a. Rio Janeiro. In Mr. Fry's collection.

102. CRAMBUS ? ATROSPARSELLUS.

Fœm. *Pallidissime stramineus ; caput albidum ; alæ anticæ amplæ, nigro conspersæ, vix falcatae, punctis marginalibus nigris.*

Female. Very pale straw-colour. Head whitish. Labial palpi pale fawn-colour, shorter than the breadth of the head, white

beneath. Maxillary palpi more than half the length of the labial palpi. Abdomen extending somewhat beyond the hind wings. Wings ample. Fore wings acute, hardly falcate, minutely black-speckled; marginal points black; exterior border slightly concave in front, slightly convex and very oblique hindward. Length of the body 10 lines; of the wings 32 lines.

Rio Janeiro. In Mr. Fry's collection.

103. CRAMBUS MINUELLUS.

Fœm. *Albidus; palpi decumbentes, subflexi; alæ anticæ cervino-albidæ, vitta subcostali spatiosque marginali albidis, linea submarginali cervina denticulata indistincta, atomis nonnullis punctisque marginalibus nigris; posticæ albidæ, subhyalinæ, punctis marginalibus pallide fuscis.*

Female. Whitish. Labial palpi decumbent, slightly bent, longer than the breadth of the head; second joint nearly as long as the first. Maxillary palpi obtuse, less than one-third of the length of the labial palpi. Fore wings acute, tinged with pale fawn-colour, excepting an irregular subcostal stripe and a space along the exterior border; an indistinct denticulated fawn-coloured submarginal line and a few black speckles; marginal points black; costa and exterior border straight, the latter slightly oblique. Hind wings white, slightly hyaline; marginal line pale brown. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. Honduras. From Mr. Dyson's collection.

Africa.

104. CRAMBUS GRAMMICULELLUS.

grammiculellus, Gn.

Algiers.

105. CRAMBUS DECOLORELLUS.

Mas. *Pallide flavescens-cervinus; alæ anticæ nigro subconspersæ, vitta postica diffusa fuscescente, fimbria interlineata; posticæ albidæ.*

Male. Pale yellowish fawn-colour, rather stout. Body whitish beneath. Labial palpi nearly twice longer than the breadth of the head. Maxillary palpi about one-fourth of the length of the labial palpi. Abdomen extending a little beyond the hind wings. Fore

wings acute, thinly and minutely black-speckled, with a diffuse brownish stripe near the interior border; exterior border straight, slightly oblique; fringe interlined. Hind wings whitish. Length of the body 5 lines; of the wings 12 lines.

a. Cape. From M. Dregé's collection.

106. CRAMBUS CONCINELLUS.

Mas et fœm. *Albus; palpi extus fuscii; thoracis latera fusca; alæ anticæ fuscæ, subfalcatae, vittis duabus argenteis, la nigro marginata, strigis quatuor costalibus obliquis argenteis, strigis marginalibus nigris; posticæ semihyalinæ, linea marginali fuscescente.*

Male and female. White. Labial palpi brown on each side, very much longer than the breadth of the head. Maxillary palpi about one-fourth of the length of the labial palpi. Antennæ of the male robust. Thorax brown on each side. Abdomen hardly extending beyond the hind wings. Fore wings brown, acute, subfalcate, with two silvery white stripes; first stripe black-bordered, receding from the costa exteriorly, where it is connected with four oblique costal silvery streaks; fourth streak curved; second stripe along the interior border; space along the exterior border cinereous-white, with black longitudinal streaks. Hind wings semihyaline, with a brownish marginal line. Length of the body 4 lines; of the wings 10 lines.

a. South Africa. From Mr. Argent's collection.

b. Ceylon. Presented by Dr. Templeton.

c. Ceylon. From M. Nietner's collection.

d, e. Sydney. From Mr. Lambert's collection.

f. Moreton Bay. From Mr. Diggles' collection.

Asia.

107. CRAMBUS DESISTALIS.

Fœm. *Substramineo-cinereus; alæ anticæ fusco conspersæ, linea discali abbreviata e atomis fuscis, punctis marginalibus nigris, costa vix convexa, margine exteriori perobliquo; posticæ pallidæ.*

Female. Cinereous, tinged with pale straw-colour. Labial palpi nearly as long as the breadth of the head, fawn-colour beneath. Maxillary palpi less than half the length of the labial palpi. Fore wings acute, with brown speckles, of which some in the

disk are confluent and form a slight abbreviated longitudinal line; marginal points black; costa hardly convex; exterior border slightly convex, very oblique. Hind wings pale. Length of the body 7? lines; of the wings 18 lines.

a. Ceylon. Presented by Dr. Templeton.

108. CRAMBUS SUPPRESSALIS.

Fœm. *Pallide stramineus; palpi labiales fusco conspersi; alæ anticæ sat angustæ, fusco subconsersæ, punctis marginalibus nigris, margine exteriore vix obliquo; posticæ albæ.*

Female. Pale straw-colour. Labial palpi longer than the breadth of the head, minutely brown-speckled. Maxillary palpi very short. Abdomen extending beyond the hind wings. Fore wings acute, rather narrow, thinly and minutely brown-speckled; marginal points black; exterior border straight, very slightly oblique. Hind wings white. Length of the body 6 lines; of the wings 13 lines.

a. Shanghai. From the Entomological Society's collection.

109. CRAMBUS INCLARALIS.

Fœm. *Argenteo-albus; alæ anticæ latæ, breves, acutæ, punctis marginalibus nigris elongatis, margine exteriore subobliquo.*

Female. Silvery white. Labial palpi longer than the breadth of the head. Maxillary palpi very short. Wings broad, short. Fore wings acute, with transversely elongated black marginal points; exterior border straight, slightly oblique. Length of the body $4\frac{1}{2}$ lines; of the wings 11 lines.

a. China. Presented by G. T. Laye, Esq.

110. CRAMBUS MIXTALIS.

Mas. *Cinereus; palpi supra cervini; alæ anticæ nigro subconsersæ, costa margineque exteriori cervinis, punctis marginalibus nigris; posticæ albido-cinereæ.*

Male. Cinereous. Labial palpi fawn-colour above, much longer than the breadth of the head. Maxillary palpi nearly one-third of the length of the labial palpi. Antennæ stout. Fore wings acute, thinly and minutely black-speckled, fawn-coloured along the costa and along the exterior border; marginal points black. Hind

wings whitish cinereous. Length of the body 5 lines ; of the wings 12 lines.

a. Shanghai. From the Entomological Society's collection.

111. CRAMBUS TINCTICOSTELLUS.

Mas. *Cervinus* ; *antennæ longiusculæ* ; *abdomen alas posticas fere dimidio superans* ; *alæ anticæ latiusculæ, acutæ, costa pallidiore, spatio subcostali obscuriore, margine exteriori sub-obliquo* ; *posticæ pallidiores*.

Male. Fawn-colour, rather slender. Labial palpi almost as long as the breadth of the head. Maxillary palpi very short. Antennæ rather long. Abdomen long, extending for nearly half its length beyond the hind wings. Wings rather broad. Fore wings acute, rather darker along the costa, which is paler than the ground hue ; exterior border slightly convex and oblique. Hind wings paler. Length of the body 7 lines ; of the wings 14 lines.

This species differs much from the typical form of *Crambus*.

a. Shanghai. From the Entomological Society's collection.

112. CRAMBUS SINENSELLUS.

Mas et fœm. *Ochraceo-cervinus* ; *antennæ graciles* ; *abdomen alas posticas paullo superans* ; *alæ latiusculæ, fimbria alba* ; *anticæ acutæ, costa alba, venis albidis* ; *posticæ æneo-albidæ, subhyalinæ*.

Male and female. Ochraceous fawn-colour. Labial palpi a little longer than the breadth of the head. Maxillary palpi very short. Antennæ and legs slender. Abdomen extending a little beyond the hind wings. Wings rather broad ; fringe white. Fore wings acute ; costa white ; veins whitish. Hind wings whitish, tinged with æneous, slightly hyaline. Length of the body $4\frac{1}{2}$ —6 lines ; of the wings 13—16 lines.

a, b. Shanghai. From the Entomological Society's collection.

113. CRAMBUS INFIXELLUS.

Fœm. *Pallide cervinus, sat validus* ; *abdomen alas posticas paullo superans* ; *alæ anticæ vitta costali lata albida* ; *posticæ albæ, semihyalinæ*.

Female. Pale fawn-colour, 'rather stout. Labial palpi much longer than the breadth of the head. Maxillary palpi about one-

fourth of the length of the labial palpi. Abdomen extending a little beyond the hind wings. Fore wings acute, with a broad whitish costal stripe. Hind wings white, iridescent, semihyaline. Length of the body 6 lines; of the wings 14 lines.

a. Shanghai. From the Entomological Society's collection.

Australasia.

114. CRAMBUS? CONCINALIS.

concinalis, *Fthl.*

Amboina.

Sect. N.

Fœm. Corpus sat robustum. Frons plana, subquadrata. Abdomen alas posticas paullo superans. Pedes graciles. Alæ anticæ vix acutæ, margine exteriori subconvexo perobliquo.

Female. Body rather stout. Front flat, subquadrate. Abdomen extending a little beyond the hind wings. Legs smooth, slender; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings hardly acute; exterior border slightly convex, very oblique.

115. CRAMBUS OCCULTILINEA.

Fœm. *Cervinus*; caput subtus pectusque alba; abdomen subcervino-albidum; alæ punctis marginalibus fuscis; anticæ pallide flavo-cervinæ, basi subobscuriores; posticæ albidæ, semihyalinæ.

Female. Fawn-colour. Head beneath and pectus white. Abdomen whitish, with a slight fawn-coloured tinge. Wings with indistinct brown marginal points. Fore wings pale yellowish fawn-colour, a little darker towards the base, without markings. Hind wings whitish, semihyaline, iridescent. Length of the body 7 lines; of the wings 16 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Sect. N.

Mas. Corpus sat robustum. Proboscis obsoleta. Palpi maxillares porrecti, brevissimi, latissimi. Palpi labiales porrecti, longi, lanceolati; articulus 3us brevis. Antennæ basi crassæ. Pedes breviusculi, sat validi. Alæ anticæ vix acutæ, margine exteriori convexo sat obliquo.

Male. Body rather stout. Proboscis obsolete? Maxillary palpi porrect, very short and broad. Labial palpi porrect, straight, lanceolate, much longer than the breadth of the head; third joint about one-fourth of the length of the second. Antennæ smooth; basal joint thick. Legs smooth, rather short and stout; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings hardly acute; exterior border convex, rather oblique.

116. CRAMBUS? LEUCOCINCTUS.

Mas. *Pallide cervinus; abdomen albidum, fasciis pallidissime cervinis; alæ anticæ disco spatioque exteriori subpallidioribus, costa albida; posticæ albidæ, nitentes.*

Male. Pale fawn-colour. Abdomen whitish, with very pale fawn-coloured bands on the hind borders of the segments. Fore wings slightly paler exteriorly and in the disk; costa whitish. Hind wings whitish, shining. Length of the body 7 lines; of the wings 15 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Sect. N.

Fœm. Corpus sat gracile. Proboscis obsoleta. Palpi maxillares fimbriati, oblique ascendentes, verticem paullo superantes. Palpi labiales porrecti, fimbriati, subflexi, capitis latitudine duplo longiores. Pedes sat graciles. Alæ anticæ acutæ, costa vix convexa, margine exteriori subconvexo subobliquo.

Female. Body rather slender. Proboscis obsolete. Maxillary palpi tringed, obliquely ascending, rising a little higher than the vertex. Labial palpi porrect, fringed, slightly bent, about twice longer than the breadth of the head; third joint lanceolate, much shorter than the second. Antennæ smooth, slender. Abdomen extending beyond the hind wings. Legs smooth, rather slender; hind tibiæ with four long spurs. Wings elongate, rather narrow. Fore wings acute; costa hardly convex; exterior border slightly convex and oblique.

117. CRAMBUS OBLITERANS.

Fœm. *Albidus; alæ anticæ flavescente subtinctæ, linea transversa biarcuata cervina, punctis duobus interioribus costa lineaque marginali fuscis, linea submarginali pallide fusca arcuata vix denticulata.*

Female. Whitish, dingy beneath. Fore wings with a slight yellowish tinge, and with a transverse fawn-coloured line, which forms two very deep curves; two brown points on the interior side of this line; submarginal line pale brown, curved, hardly denticulated; costa and marginal line brown. Length of the body 6 lines; of the wings 12 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Sect. N.

Fcem. Corpus sat gracile. Palpi maxillares breves, fimbriati, ascendentes. Palpi labiales subflexi, subascendentes, capitis latitudine vix duplo longiores; articulus 3us lanceolatus, 2o non brevior. Abdomen apicem versus subcompressum. Pedes longi, graciles. Alæ anticæ angustæ, apice quadratæ, margine exteriori subrecto vix obliquo. *Mas.*—Palpi latiores. Antennæ crassiores.

Female. Body rather slender. Labial palpi slightly bent and ascending, nearly twice longer than the breadth of the head; third joint lanceolate, as long as the second. Maxillary palpi fringed, ascending, less than half the length of the labial palpi. Antennæ smooth. Abdomen slightly compressed towards the tip; apical tuft small. Legs smooth, long, slender; hind tibiæ with four long spurs. Wings elongate, narrow. Fore wings quadrate at the tips; exterior border almost straight, hardly oblique. *Male.*—Palpi rather stouter than those of the female. Antennæ thicker. Abdomen with a small quadrate apical tuft.

118. CRAMBUS CANDIDIFER.

Mas et fcem. *Albus; alæ anticæ puncto marginali nigro, punctis marginalibus nigricantibus; posticæ linea marginali fusca.* *Mas.*—*Alæ anticæ costa fusca, striga obliqua arcuata lineaque duplicata denticulata submarginali fuscescentibus.* *Fcem.*—*Alæ anticæ costa ochracea.*

Male and female. White, somewhat cinereous beneath. Fore wings shining, with a black marginal point; costa brown, somewhat ochraceous in the female; marginal points blackish, minute. Hind wings with a brown marginal line. *Male.*—Fore wings with a slight curved oblique brownish streak, which proceeds from the discal point to the costa, and with a double curved slightly denti-

culated submarginal brownish line. Length of the body 5 lines; of the wings 10 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Australia.

119. CRAMBUS BIVITELLA.

bivitella, *Dn.*

a. Tasmania. Presented by — Walcott, Esq.

b. Sydney. From Mr. Lambert's collection.

c. Sydney. From Mr. Diggles' collection.

d, e. Sydney. Presented by E. Doubleday, Esq.

120. CRAMBUS RECURVELLUS.

Fœm. *Argenteo-albus; palpi labiales extus ochracei; thorax ochraceo bivittatus; alæ anticæ ochraceæ, vittis tribus argenteis nigro marginatis, 1a 2aque extus arcuatis, 3a recta, linea marginali nigra, fimbria alba extus cinerea; posticæ cinereæ.*

Female. Silvery white. Labial palpi nearly as long as the breadth of the head, ochraceous on the outer side. Maxillary palpi very short. Thorax with a bright orange stripe on each side. Fore wings acute, bright orange, with three silvery black-bordered stripes; first stripe diverging from the costa exteriorly, recurved towards the tip; second stripe more recurved than the first; third straight; marginal line black; fringe white, cinereous exteriorly. Hind wings cinereous. Length of the body 6 lines; of the wings 18 lines.

a. West Australia. From Mr. Clifton's collection.

121. CRAMBUS LATIVITTALIS.

Mas et fœm. *Saturate ochraceus; thorax argenteo bivittatus; alæ anticæ vitta costali argentea, vitta discali latiore argentea nigro marginata apicem versus attenuata et flexa; posticæ pallide cinereæ.*

Male and female. Deep ochraceous, mostly cinereous beneath. Labial palpi nearly as long as the breadth of the head. Maxillary palpi less than half the length of the labial palpi. Antennæ of the male robust. Thorax with a silvery stripe on each side. Abdomen

pale cinereous, extending somewhat beyond the hind wings in the male, shorter in the female. Fore wings acute, with a silvery costal stripe and with a broader silvery black-bordered discal stripe, which is abruptly attenuated and bent forward towards the tip. Hind wings pale cinereous. Length of the body 4—6 lines; of the wings 12—16 lines.

a. Australia. From Mr. Lamb's collection.

b, c. Australia. From Mr. Damel's collection.

d—g. Australia. From Mr. Milne's collection.

h. Australia. From Mr. Hunter's collection.

i. Sydney. From Mr. Diggles' collection.

j—l. Sydney. From Mr. Lambert's collection.

m, n. Australia.

122. CRAMBUS RAMOSTRIELLUS.

Fœm. Fuscus; abdomen albidum; alæ anticæ sat angustæ, costa, striga exterior furcata vittaque discali triramosa albis, margine exterior perobliquo; posticæ albidæ, extus fuscescentes.

Female. Brown, stout. Labial palpi full as long as the breadth of the head, whitish above towards the base. Maxillary palpi very short. Abdomen whitish, extending a little beyond the hind wings. Fore wings acute, rather narrow; costa white; a white exterior longitudinal streak, forked near its base, which is beyond the middle of the wing; a white discal stripe, emitting three exterior hindward branches; exterior border convex, very oblique. Hind wings whitish, brownish exteriorly. Length of the body 6—7 lines; of the wings 16—18 lines.

a. Australia. From Mr. Damel's collection.

b, c. Australia.

123. CRAMBUS RELATALIS.

Mas. Albidus; capitis vitta, thorax et abdomen subaurata; palpi extus cervini; alæ anticæ auratæ, peracutæ, vittis duabus albis nigricante submarginatis, 2a extus trifurcata, linea alba fere marginali, margine exterior perobliquo; posticæ subauratæ.

Male. Whitish. Head with a slightly gilded stripe. Labial palpi nearly twice longer than the breadth of the head, fawn-coloured on the outer side. Thorax and abdomen slightly gilded, the latter extending beyond the hind wings. Fore wings gilded,

very acute, with a white subcostal stripe and with a white slightly blackish-bordered discal stripe that is divided into three exterior streaks; these are connected with an almost marginal white line; exterior border almost straight, very oblique. Hind wings slightly gilded, whitish cinereous. Length of the body 6 lines; of the wings 16 lines.

a. Adelaide. From Mr. Wilson's collection.

b. Tasmania. Presented by M. Allport, Esq.

124. CRAMBUS RUPTELLUS.

Mas et fœm. *Cinereo-fuscus; thorax cinereo quadrivittatus; abdomen basi cinereum; alæ anticæ lanceolatæ, nigro subconspersæ, vittis cinereis nigro submarginatis, lineis tribus argenteis interruptis, punctis marginalibus nigris, margine exteriori perobliquo antice subexcavato; posticæ subæneæ.*

Male and female. Cinereous-brown. Labial palpi longer than the breadth of the head. Thorax with four cinereous stripes. Abdomen cinereous towards the base. Fore wings lanceolate, very acute, slightly black-speckled, with cinereous stripes, and with three interrupted somewhat irregular silvery lines; stripes slightly and partly black-bordered; marginal points black, irregular; exterior border very oblique, slightly concave in front. Hind wings with an æneous tinge; fringe paler. Length of the body 5—6 lines; of the wings 14—16 lines.

a, b. Moreton Bay. From Mr. Diggles' collection.

c, d. Australia. From Mr. Milne's collection.

125. CRAMBUS PLENIFERELLUS.

Mas et fœm. *Ochraceus; oculi albido cincti; abdomen albido-cinereum; alæ anticæ vittis quatuor, fascia exteriori dentata, strigis adhuc exterioribus, linea submarginali guttisque marginalibus argenteis; posticæ albido-cinereæ.*

Male and female. Ochraceous. Head whitish about the eyes. Labial palpi nearly twice longer than the breadth of the head. Maxillary palpi very short. Abdomen whitish cinereous. Fore wings acute, with silvery marks; these are mostly bordered with black speckles; four stripes extending from the base towards the middle, where they are succeeded by an oblique irregular band; this is deeply dentate on the outer side, where it is followed by a band of streaks; submarginal line curved, contiguous to four marginal

silvery dots; fringe silvery. Hind wings whitish cinereous. Length of the body 5—5½ lines; of the wings 12—13 lines.

a—c. Sydney. From Mr. Lambert's collection.

d—f. ———? From Mr. Milne's collection.

126. CRAMBUS PERLATALIS.

Fœm. *Pallide ochraceus; oculi albo cincti; alæ anticæ vittis tribus fasciæque marginali albis; hac lineam fuscam includente, vitta media furcata, fimbria albida ochraceo interlineata; posticæ pallide cinereæ.*

Female. Pale ochraceous. Head white about the eyes. Labial palpi nearly twice longer than the breadth of the head. Fore wings moderately broad, with three white stripes and with a white marginal band, which includes a brown line; first stripe costal; second forked at three-fourths of its length; third near the interior border; fringe whitish, interlined with ochraceous; exterior border slightly convex, moderately oblique. Hind wings pale cinereous. Length of the body 6 lines; of the wings 16 lines.

a. Tasmania. Presented by M. Allport, Esq.

127. CRAMBUS BIFRACTELLUS.

Fœm. *Ochraceus; alæ anticæ nigro subconsersæ, vittis duabus interruptis argenteo albis, lineis tribus transversis argenteis, 1a flexa, 2a brevi, 3a submarginali, vitta postica apice nigro tripunctata, macula apicali obliqua alba, fimbria argentea; posticæ cinereæ.*

Female. Ochraceous. Abdomen, hind wings and under side cinereous. Fore wings partly and minutely black-speckled, with two silvery white stripes, which are widely interrupted beyond the middle; a silvery line commencing between the stripes, and abruptly curved to the interior border across the interrupted part of the hind stripe; a short transverse silvery line, connected with the exterior division of the hind stripe; a submarginal silvery line, which is retracted in front; an elongated oblique white apical spot; three deep black points on the tip of the hind stripe; fringe silvery; exterior border moderately oblique. Length of the body 4 lines; of the wings 11 lines.

a. South Australia. Presented by R. Bakewell, Esq.

128. CRAMBUS IMPLETELLUS.

Mas. *Ochraceus ; caput album, ochraceo vittatum ; thorax albo bivittatus ; alæ anticæ vix acutæ, fusco conspersæ, strigis duabus hastatis, striga obliqua discali, maculis submarginalibus cuneatis maculisque marginalibus albis, fimbria aurato-cinerea, albo biguttata ; posticæ fuscescente-cinereæ.*

Male. Ochraceous. Body mostly white beneath. Head white, with an ochraceous stripe. Labial palpi much longer than the breadth of the head. Thorax with two white stripes. Legs with white bands. Fore wings moderately broad, hardly acute, very marks ; these consist of various marks along the costa and along the exterior border, of two long cuneiform streaks proceeding thickly and minutely brown-speckled, with many irregular white from the base, of an oblique discal streak, and of an exterior band of wedge-shaped spots ; marginal spots partly black-bordered ; fringe gilded-cinereous, with two white dots ; exterior border rather oblique. Hind wings brownish cinereous ; fringe whitish. Length of the body 7 lines ; of the wings 16 lines.

a. Tasmania. Presented by M. Allport, Esq.

129. CRAMBUS CUNEIFERELLUS.

Mas et fœm. *Canus ; alæ anticæ cervino subinctæ, fusco sub-conspersæ, vitta discali albida, lineis duabus exterioribus fuscis acutissime angulosis, linea marginali fusca ; posticæ cinereæ, fimbria pallida.*

Male and female. Hoary. Labial palpi rather broad, very much longer than the breadth of the head. Maxillary palpi about one-fourth of the length of the labial palpi. Antennæ of the male very stout. Fore wings moderately broad, thinly and minutely brown-speckled, tinged with pale fawn-colour ; a more or less distinct whitish discal stripe, and two brown transverse exterior very deeply and acutely angular lines ; marginal line brown, slender. Hind wings cinereous ; fringe paler. Length of the body 4 lines ; of the wings 10 lines.

a, b. Sydney. From Mr. Lambert's collection.

c. Sydney.

130. CRAMBUS DEMISSALIS.

Mas. *Argenteo-albus; abdomen alas posticas paullo superans; alæ anticæ puncto discali punctisque marginalibus nigris, margine exteriori perobliquo.*

Male. Silvery white. Labial palpi longer than the breadth of the head. Maxillary palpi very short. Abdomen extending a little beyond the hind wings. Fore wings acute; discal point and marginal points black; exterior border slightly convex, very oblique. Length of the body 5 lines; of the wings 14 lines.

a. Swan River. Presented by Sir J. Richardson.

131. CRAMBUS VETUSTELLUS.

Mas. *Obscure cinereus; alæ anticæ apud venas nigro conspersæ, puncto albido strigulaque nigra discalibus, punctis marginalibus nigris; posticæ pallidiores.*

Male. Dark cinereous. Labial palpi slightly ascending, longer than the breadth of the head. Maxillary palpi short. Fore wings moderately broad, minutely black-speckled along the veins, with a whitish discal point, which interrupts a short slight black streak; marginal points black; exterior border slightly convex and oblique. Hind wings paler cinereous. Length of the body 6 lines; of the wings 14 lines.

a. Swan River. Presented by Sir J. Richardson.

132. CRAMBUS DELATALIS.

Mas. *Cinereus; caput et thorax fuscescentia; abdomen alas posticas perpaullo superans; alæ anticæ latæ, acutæ, lineis inter venas fuscescentibus, puncto discali punctisque marginalibus nigris, margine exteriori vix obliquo.*

Male. Cinereous, rather stout. Head and thorax brownish. Labial palpi longer than the breadth of the head. Maxillary palpi very short. Antennæ stout. Abdomen extending very little beyond the hind wings. Fore wings broad, acute, with brownish lines between the veins; discal point and marginal points black; exterior border very slightly convex and oblique. Length of the body 5 lines; of the wings 12 lines.

a. Moreton Bay. From Mr. Diggles' collection.

133. CRAMBUS OCHRACEELLUS.

Mas. *Albidus*; *palpi labiales extus ochracei*; *thorax ochraceo fasciatus*; *alæ anticæ ochraceæ, latæ, costa alba, margine exteriori subobliquo*.

Male. Whitish, stout. Labial palpi nearly twice longer than the breadth of the head, bright orange on the outer side. Maxillary palpi very short. Antennæ rather stout. Thorax with an orange band in front. Abdomen extending beyond the hind wings. Fore wings bright orange, broad, acute; costa white, except towards the tip; exterior border slightly convex and oblique. Length of the body $5\frac{1}{2}$ —6 lines; of the wings 12—13 lines.

a. Sydney. From Mr. Lambert's collection.

b. Sydney. From Mr. Diggles' collection.

c. Australia. From Mr. Damel's collection.

New Zealand.

134. CRAMBUS FLEXUOSELLUS.

flexuosellus, *Dbl*.

a—g. New Zealand. Presented by Col. Bolton.

h, i. Auckland, New Zealand. From Mr. Oxley's collection.

j—m. New Zealand. Presented by Dr. Sinclair.

m, n. New Zealand. Presented by Capt. J. C. Ross.

135. CRAMBUS VITELLUS.

vitellus, *Dbl*.

a, b. Auckland, New Zealand. From Mr. Oxley's collection.

c. New Zealand. Presented by Col. Bolton.

d, e. New Zealand. Presented by Dr. Sinclair.

136. CRAMBUS RAMOSELLUS.

ramosellus, *Dbl*.

a, b. New Zealand. Presented by Dr. Sinclair.

c, d. New Zealand. Presented by Col. Bolton.

e. New Zealand. From Major Parry's collection.

137. CRAMBUS NEXALIS.

Fœm. *Albus ; palpi extus cervini ; thoracis latera cervina ; alæ anticæ canæ, angustæ, vitta discali alba aurato marginata e lineis duabus exterioribus flexis interrupta, punctis marginalibus nigris, fimbria aurata ; posticæ albido-cinereæ, æneo sub-tinctæ.*

Female. White. Labial palpi very much longer than the breadth of the head, fawn-colour on the outer side. Thorax fawn-coloured on each side. Abdomen extending beyond the hind wings. Fore wings hoary, narrow, with a white discal stripe, which is bordered by two gilded stripes, and is interrupted by two bent exterior brown lines ; hind stripe abbreviated exteriorly ; marginal points black ; fringe gilded ; exterior border very oblique. Hind wings whitish cinereous, with slight æneous tinge. Length of the body $4\frac{1}{2}$ —5 lines ; of the wings 11—12 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

b. New Zealand. Presented by Dr. Sinclair.

138. CRAMBUS TRANSCISSALIS.

Fœm. *Auratus ; caput et abdomen albida ; alæ anticæ, vitta discali argenteo-alba, costa extus alba ; posticæ pallide cinereæ.*

Female. Gilded. Head whitish. Palpi white on the inner side, longer than the breadth of the head. Abdomen whitish. Fore wings narrow, with a silvery white discal stripe ; costa white exteriorly ; exterior border very oblique. Hind wings pale cinereous. Length of the body 4 lines ; of the wings 10 lines.

a. New Zealand. Presented by Dr. Sinclair.

139. CRAMBUS SABULOSELLUS.

Fœm. *Cinereo-cervinus ; alæ anticæ angustæ, puncto discali punctisque marginalibus nigris, margine exteriori subobliquo fere recto ; posticæ pallide cinereæ.*

Female. Cinereous fawn-colour. Labial palpi a little longer than the breadth of the head. Abdomen extending a little beyond the hind wings. Fore wings narrow ; discal point and marginal points black ; exterior border almost straight, slightly oblique. Hind wings pale cinereous. Length of the body $4\frac{1}{2}$ lines ; of the wings 10 lines.

a—c. New Zealand. Presented by Dr. Sinclair.

Country unknown.

140. CRAMBUS ELEGANTELLUS.

Mas et fœm. *Aurato-cinereus, cervino tinctus; alæ anticæ lanceolatae, vitta subcostali lata argentea nigro submarginata extus interrupta strigam emittente, striga apicali obliqua argentea, spatio marginali argenteo-cinereo strigulas nigras includente; posticæ albido-cinereæ, æneo subtinctæ.*

Male and female. Gilded-cinereous, tinged with fawn-colour. Labial palpi very much longer than the breadth of the head, white on the inner side. Fore wings lanceolate, very acute, with a broad silvery subcostal slightly black-bordered stripe, which emits a streak on the hind side, and is very obliquely interrupted towards the tip; an oblique silvery apical streak; marginal space silvery cinereous, with a few minute black streaks; exterior border very oblique, slightly concave in front. Hind wings whitish cinereous, with a slight æneous tinge. Length of the body 7—8 lines; of the wings 14—18 lines.

a. ——— ? From Mr. Milne's collection.

b—d. ——— ?

Genus 5. EROMENE.

Eromene, Hb.

Europe and the neighbouring regions.

1. EROMENE OCELLEA.

ocellea, Hw.—Cyriliella, Cta.—funiculellus, Tr.—Cyrilli, Zl.

a. England. From Mr. Stephens' collection.

2. EROMENE VINCULELLA.

vinculella, Zl.—Cyrilli, H.-S.

3. EROMENE BELLA.

bella, Hb.

a. Europe. From M. Hemighoffen's collection.

4. EROMENE ANAPIELLA.

anapiella, *Zl.*

5. EROMENE ZONELLA.

zonella, *Zl.*

6. EROMENE SUPERBIELLA.

superbiella, *Zl.*

7. EROMENE RAMBURIELLA.

Ramburiella, *Dp.*—funiculellus, *Ev.*

Genus 6. SERICOCRAMBUS.

Sericocrambus, *Wlgn.*

1. SERICOCRAMBUS STYLATUS.

stylalis, *Wlgn.*

Monte Video.

Genus 7. CIAMPA.

Fœm. Corpus sat robustum. Proboscis brevis. Palpi labiales porrecti, caput perpaullo superantes. Palpi maxillares lanceolati, oblique ascendentes, verticem paullo superantes. Antennæ graciles, basi robustæ. Abdomen alas posticas non superans. Pedes breviusculi. Alæ anticæ subacutæ, costa subrecta, margine exteriori sat obliquo.

Female. Body rather stout. Proboscis short. Labial palpi porrect, extending very little beyond the head. Maxillary palpi lanceolate, obliquely ascending, rising a little higher than the vertex, longer than the labial palpi. Antennæ slender; first joint stout. Abdomen not extending beyond the hind wings. Legs smooth, rather short; hind tibiæ with four moderately long spurs. Fore wings moderately broad, slightly acute; costa almost straight; exterior border convex, rather oblique.

1. CIAMPA DEFIXELLA.

Fœm. *Pallide cervina; palpi fuscii; thoracis tegulæ fusco marginatæ; abdomen pallide ochraceum, albido fasciatum; alæ anticæ guttis duabus discalibus albidis, vittis duabus strigisque exterioribus fuscis; posticæ albidæ.*

Female. Pale fawn-colour. Palpi brown. Tegulæ of the thorax bordered with brown. Abdomen pale ochraceous, with whitish bands. Fore wings with two irregular whitish discal stripes, and with two brown stripes which are accompanied exteriorly by several brown streaks. Hind wings whitish. Length of the body 7 lines; of the wings 20 lines.

a, b. New South Wales. From Mr. A. J. Smith's collection.

Genus 8. UROLA.

Mas et fœm. Corpus sat robustum. Proboscis conspicua. Palpi labiales porrecti, robusti, non acuti, capitis latitudine breviores. Palpi maxillares breves. Abdomen alas posticas non superans. Pedes læves, sat validi; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ acutæ, costa vix convexa, margine exteriori recto subobliquo.

Male and female. Body rather stout. Proboscis distinct. Labial palpi porrect, stout, rather obtuse, shorter than the breadth of the head. Maxillary palpi about half the breadth of the labial palpi, on which they are incumbent. Abdomen not extending beyond the hind wings. Legs smooth, moderately long and stout; hind tibiæ with four long spurs. Fore wings acute, moderately broad; costa hardly convex; exterior border straight, slightly oblique.

1. UROLA MICHROCHYSELLA.

Mas et fœm. Argenteo-alba; caput et thoracis margo anticus plus minusve ochracea; alæ anticæ breves, latæ, acutæ, punctis marginalibus nigris elongatis, puncto apud marginem interiorem nigricante aut ochraceo nonnunquam obsoleto.

Male and female. Silvery white. Head and fore border of the thorax more or less ochraceous. Labial palpi a little shorter than the breadth of the head. Wings broad, short. Fore wings acute; costa and exterior border almost straight, the latter slightly oblique; marginal points black, elongated; interior border with a blackish or ochraceous point, which is occasionally obsolete. Length of the body $3\frac{1}{2}$ — $4\frac{1}{2}$ lines; of the wings 10—12 lines.

a, b. North America. From Mr. Carter's collection.

c. Georgia. From Mr. Milne's collection.

d. Honduras. From Mr. Dyson's collection.

e, f. Honduras.

g—l. ——— ?

2. UROLA SUBÆNESENS.

Mas. *Argenteo-alba; caput saturate ochraceum; thoracis latera antica et abdomen subochracea; alæ anticæ lunulis marginalibus fuscis, margine interiore extus ochraceo; posticæ æneo tinctæ.*

Male. Silvery white. Head and palpi bright ochraceous. Thorax on each side in front, abdomen and under side slightly tinged with ochraceous. Fore wings with brown marginal lunules; interior border ochraceous exteriorly; fringe tinged with ochraceous. Hind wings with an æneous tinge. Length of the body 4 lines; of the wings 11 lines.

a. ———?

3. UROLA CROCEICINCTELLA.

Fœm. *Argenteo-alba; palpi ochracei, supra albi; alæ anticæ costa ochracea, lineis duabus ochraceis fere obsoletis, lunulis marginalibus fuscis, fimbria ochracea.*

Female. Silvery white. Palpi ochraceous on each side and beneath. Fore wings with an ochraceous costal line; two ochraceous costal marks corresponding to two other marks on the interior border, the four indicating two transverse lines, which are almost obsolete elsewhere; marginal lunules brown; fringe ochraceous; under side slightly tinged with ochraceous. Length of the body 5 lines; of the wings 15 lines.

a. Venezuela. From Mr. Dyson's collection.

4. UROLA CROCEIVITELLA.

Fœm. *Argenteo-alba; caput et thorax anticus ochracea; alæ anticæ ochraceo marginatæ, striga costali brevi obliqua exteriori fasciæque interiore vix obliqua fusco marginata ochraceis.*

Female. Silvery white. Head and fore border of the thorax ochraceous. Fore wings bordered with ochraceous; costal line emitting a short oblique streak towards the tip; an interior hardly oblique ochraceous band, which is bordered with brown on the outer side. Length of the body 4 lines; of the wings 10 lines.

a. Rio Janeiro. From Mr. Lamb's collection.

5. UROLA PULCHELLA.

Fœm. *Argenteo-alba; thoracis latera antica ochracea; alæ anticæ fascia media recta obliqua margineque exteriori ochraceis.*

Female. Silvery white. Thorax ochraceous on each side in front. Fore wings with a straight oblique middle ochraceous band, which is nearly parallel to the ochraceous exterior border. Length of the body $2\frac{1}{2}$ lines; of the wings 6 lines.

a. North America?

6. UROLA? AURICINCTALIS.

Fœm. *Argenteo-alba; palpi maxillares basi fuscescentes; alæ anticæ lituris duabus costalibus ochraceis, lineis duabus cinereis arcuatis subobsoletis, punctis marginalibus nigris elongatis, fimbria aurata.*

Female. Silvery white. Labial palpi much longer than the breadth of the head. Maxillary palpi brownish at the base, about one-third of the length of the labial palpi. Fore wings with two ochraceous costal marks, and with two curved transverse almost obsolete cinereous lines; marginal points black, elongated; fringe brightly gilded. Length of the body $3\frac{1}{2}$ lines; of the wings 9 lines.

a. West Africa. From Mr. Fraser's collection.

Genus 9. JARTHEZA.

Mas et fœm. Corpus sat robustum. Proboscis brevis, gracilis. Palpi labiales breves, porrecti, lanceolati. Palpi maxillares brevissimi. Abdomen alas posticas superans. Pedes læves, longiusculi. Alæ anticæ acutæ, sat latæ, costa recta, margine exteriori antice concavo postice obliquo. *Mas.*—Antennæ robustæ, serratæ aut pectinatæ. *Fœm.*—Antennæ glabræ, graciles.

Male and female. Body rather stout. Proboscis short, slender. Labial palpi porrect, lanceolate, shorter than the breadth of the head. Maxillary palpi about one-half or less than half the length of the labial palpi. Antennæ deeply serrated or slightly pectinated or deeply pectinated in the male, smooth or serrated in the female. Abdomen extending much beyond the hind wings. Legs smooth, rather long; hind tibiæ with four moderately long spurs. Wings elongate, moderately broad. Fore wings acute; costa straight; exterior border hardly concave, oblique hindward.

1. JARTHEZA CHRYSOGRAPHELLA.

chrysographellus, *Klr.*—locupletellus, *Klr.*

Cape. From M. Dregé's collection.

South Africa. Presented by R. Trimen, Esq.

South Africa. From Mr. Trimen's collection.

Port Natal. From M. Guenzius' collection.

Punjaub. Presented by Sir J. Hearsay.

North Hindostan. Presented by the Secretary of the India Board.

Shanghai. From the Entomological Society's collection.

North Hindostan. From Mr. Stevens' collection.

Ceylon. From M. Nietner's collection.

2. JARTHEZA RESPONSELLA.

Mas. *Pallide ochracea; frons fuscescens; antennæ pectinatæ; thorax fusco bivittatus; alæ anticæ vittis pallide auratis, strigis lineaque submarginali auratis saturatioribus, hac undulata fusco marginata, lineis atomariis punctisque marginalibus nigris; posticæ albidæ.*

Male. Pale ochraceous. Front and palpi above brownish. Antennæ rather broadly pectinated. Thorax with a brown stripe on each side. Abdomen with whitish bands. Fore wings with pale gilded stripes, which are accompanied with more brightly gilded streaks, and with lines of black speckles; submarginal line brightly gilded, undulating, brown-bordered; marginal points black. Hind wings whitish. Length of the body 6 lines; of the wings 16 lines.

a. North Hindostan. From Mr. Stevens' collection.

3. JARTHEZA XYLINELLA.

Fœm. *Albida; caput et thoracis discus obscure fusca; alæ anticæ latiusculæ, vix acutæ, strigis tribus discalibus auratis fusco marginatis, strigis auratis punctisque nigris exterioribus, puncto discali obscure fusco, linea submarginali aurata angulata denticulata fusco marginata, punctis marginalibus nigris, fimbria aurato-fusca cinereo interlineata; posticæ albido-cinereæ.*

Female. Whitish. Head and disk of the thorax dark brown. Labial palpi porrect, stout, not acute, much shorter than the breadth of the head. Maxillary palpi half the length of the labial palpi. Antennæ smooth. Fore wings rather broad, hardly acute, with

three discal gilded brown-bordered streaks; some lesser exterior gilded streaks, accompanied by black points; discal point dark brown; submarginal line gilded, brown-bordered, angular, denticulated; marginal points black; fringe gilded-brown, interlined with cinereous. Hind wings whitish cinereous. Length of the body 7 lines; of the wings 18 lines.

a. Nepaul. Presented by E. Doubleday, Esq.

4. JARTHEZA SABULIFERA.

Mas. *Pallide cervina; palpi albid; antennæ robustæ, compressæ, glabræ; alæ anticæ linea submarginali aurata subarcuata antice retracta, punctis marginalibus nigris, fimbria aurata, margine exterior non excavato; posticæ albidocinereæ.*

Male. Pale fawn-colour. Palpi whitish. Antennæ stout, smooth, compressed. Abdomen extending much beyond the hind wings. Fore wings with a gilded slightly curved submarginal line that is retracted towards the costa; marginal points black; fringe gilded; exterior border slightly convex, hardly oblique, not concave in front. Hind wings whitish cinereous. Length of the body 7 lines; of the wings 16 lines.

a. ———? From Mr. Milne's collection.

Genus 10. UBIDA.

Mas et fæm. Corpus robustum. Proboscis obsoleta. Palpi labiales validi, porrecti, pilosi, obtusi, capitis latitudine longiores. Palpi maxillares breves. Pedes robusti, læves. Alæ anticæ latæ, apice rotundatæ, margine exterior convexo vix obliquo. *Mas.*—Antennæ validæ, subpectinatæ. Abdomen alas posticas superans.

Male and female. Body stout. Proboscis obsolete. Labial palpi porrect, pilose, longer than the breadth of the head. Maxillary palpi short, recumbent on the labial palpi. Legs stout, smooth, moderately long; hind tibiæ with four long spurs. Wings broad; fringe long. Fore wings rounded at the tips; costa straight; exterior border convex, hardly oblique. *Male.*—Labial palpi robust, obtuse. Antennæ stout, slightly pectinated. Abdomen extending beyond the hind wings. *Female.*—Labial palpi acute, longer and more slender than those of the male. Antennæ smooth, slender. Abdomen extending very little beyond the hind wings.

1. UBIDA RECEPTALIS.

Mas.—*Alba*; *palpi fusci, supra albi*; *caput et thorax anticus subcervino univittata*; *thoracis latera antica fusca*; *abdomen fuscum, basi album*; *alæ anticæ vittis duabus fuscis quadri-ramosis*; *posticæ fuscescente-cinereæ*. Fœm.—*Abdomen album*; *alæ posticæ albidæ*.

Male and female. [White. Palpi brown, white above. Head and fore part of the thorax with an indistinct fawn-coloured stripe. Thorax brown on each side in front. Abdomen brown above, except at the base. Fore wings with two brown stripes, each of which is divided into four exterior streaks; space along the interior border brown-speckled. Hind wings brownish cinereous; fringe white. Length of the body 8 lines; of the wings 18—22 lines.

a. Moreton Bay. From Mr. Diggles' collection.

b. Australia. Presented by R. Bakewell, Esq.

Genus 11. THEMMA.

Mas et fœm. Corpus sat gracile. Proboscis brevis, gracilis. Palpi porrecti, sat graciles, vix angulati, capitis latitudine non longiores; articulus 3us lanceolatus. Pedes læves, longi, graciles; tibiæ calcaribus quatuor parvis. Alæ anticæ elongatæ, acutæ, costa vix convexa, margine exteriori recto. *Mas.*—Antennæ subpectinatae. Abdomen alas posticas longe superans. *Fœm.*—Alæ anticæ angustiores, magis lanceolatæ.

Male and female. Body rather slender, nearly cylindrical. Proboscis short, slender. Palpi porrect, rather slender, hardly angular, as long as the breadth of the head; third joint lanceolate, shorter than the second. Antennæ squamous. Legs smooth, long, slender; hind tibiæ with four short spurs. Wings elongate. Fore wings acute; costa very slightly convex; exterior border straight. *Male.*—Antennæ slightly pectinated. Abdomen extending much beyond the hind wings; apical tuft elongated. Fore wings broader, less lanceolate and less acute than those of the female; exterior border rather oblique. *Female.*—Abdomen extending rather beyond the hind wings. Fore wings much elongated; exterior border extremely oblique.

1. THEMMA DIVISA.

Mas et fœm. *Albido-cinerea*; *alæ anticæ cervino subinctæ, linea discali strigaeque exteriori obliqua subarcuata argenteis, vitta posteriore fusca, puncto discali nigro*; *posticæ albæ*.

Male and female. Whitish cinereous. Thorax and fore wings with a slight pale fawn-coloured tinge. Fore wings with a silvery discal line, which is contiguous to the fore border of a brown discal stripe, and terminates beyond the middle of the disk; an oblique slightly curved silvery streak extends from behind the end of the line to the tip of the wing; discal point black. Hind wings white. Length of the body 7—9 lines; of the wings 16—20 lines.

a—k. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.

Genus 12. JUNCARIA.

Mas. Corpus robustum. Fasciculus frontalis productus, subtrigonus. Proboscis nulla. Palpi porrecti, pilosi, capitis latitudine vix breviores; articulus 2us latus, convexus; 3us minimus. Abdomen alas posticas longe superans; sexualia magna. Pedes femoribus tibiisque dense pilosis. Alæ anticæ latæ, vix acutæ, margine exteriori flexo; postice margine exteriori vix flexo.

Male. Body stout. Frontal tuft very prominent, nearly triangular. Proboscis obsolete. Palpi porrect, pilose, almost as long as the breadth of the head; second joint broad, convex above; third very minute. Antennæ setulose, pubescent. Abdomen extending much beyond the hind wings; apical tuft and appendages large. Legs moderately long and stout; femora and tibiæ thickly clothed with long hairs; hind tibiæ with four moderately long spurs. Wings broad. Fore wings hardly acute; costa straight; exterior border forming a rounded angle. Hind wings with the exterior border hardly bent.

1. JUNCARIA NONAGRIOIDES.

Mas. Testaceo-albida; palpi extus fusci; alæ punctis marginalibus nigris; anticæ nigricante subconspersæ, gutta discali ochracea nigro marginata, linea submarginali e punctis indistinctis ochraceis.

Male. Testaceous-whitish. Frontal tuft and palpi brown on the outer side. Wings with black marginal points, which are largest on the under side, where there is a diffuse brown costal stripe. Fore wings thinly and very minutely blackish-speckled; discal dot ochraceous, black-bordered, blackish on the under side;

a submarginal line of indistinct ochraceous points. Length of the body 7 lines; of the wings 14 lines.

Amazon River. In Mr. Saunders' collection.

Genus 13. NUARACE.

Fœm. Corpus gracile. Proboscis brevis. Palpi labiales porrecti, lanceolati, pubescentes, disjuncti, capitis latitudine breviores. Palpi maxillares breves. Antennæ graciles. Abdomen alas posticas paullo superans. Pedes læves, gracillimi. Alæ anticæ elongatæ, acutæ, sat angustæ, margine exteriori subconvexo vix obliquo.

Female. Body slender. Proboscis short. Labial palpi porrect, lanceolate, pubescent, apart from each other, longer than the breadth of the head; joints indistinct. Maxillary palpi porrect, less than half the length of the labial palpi. Antennæ slender. Abdomen extending a little beyond the hind wings. Legs smooth, very slender; hind tibiæ with four moderately long spurs. Wings elongate, rather narrow. Fore wings acute; costa straight; exterior border slightly convex, hardly oblique.

1. NUARACE EUGRAPHIS.

Fœm. *Pallide cervina; alæ anticæ vitta discali albida lineam fuscam includente, linea exteriori alba angulata fusco marginata, linea submarginali fusca subundulata, striga marginali alba, plaga marginali posteriore alba, strigulas tres nigras includente; posticæ pallide cinereæ, fimbria alba.*

Female. Pale fawn-colour, pale cinereous beneath. Fore wings with a whitish discal stripe, which contains a brown line, and is contiguous exteriorly to a white acutely angular brown-bordered line which proceeds from the costa; submarginal line brown, slightly undulating; marginal space with a white streak in front and a white hindward patch, the latter including three minute black streaks. Hind wings pale cinereous; fringe white. Length of the body 4 lines; of the wings 10 lines.

a. St. Domingo. From Mr. Tweedie's collection.

Genus 14. UGRA.

Mas. Corpus robustum. Proboscis nulla. Palpi porrecti, subarcuati, supra convexi, capitis latitudine paullo breviores. An-

tennæ validæ, glabræ. Pedes robusti, subpubescentes. Alæ anticæ elongatæ; anticæ apice subrotundatæ, margine exteriori convexo subobliquo.

Male. Body stout. Proboscis obsolete. Palpi porrect, very slightly curved, convex above, a little shorter than the breadth of the head. Antennæ stout, smooth. Legs stout, slightly pubescent; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings somewhat rounded at the tips; costa straight; exterior border convex, slightly oblique.

1. UGRA PARALLELA.

Mas. *Pallide rufa; abdomen album; alæ anticæ lineis duabus albidis parallelis non obliquis; posticæ albæ.*

Male. Pale red. Abdomen and hind wings white. Fore wings with two whitish parallel upright lines, one interior, the other exterior. Length of the body 6? lines; of the wings 14 lines.

a. Honduras. From Mr. Dyson's collection.

Genus 15. BEGUNNA.

Fœm. Corpus vix robustum. Frons fasciculo subproducto. Proboscis nulla. Palpi porrecti, lanceolati, subarcuati, capitis latitudine multo longiores; articulus 2us subfimbriatus; 3us lanceolatus, 2i dimidio non brevior. Antennæ graciles. Abdomen alas posticas paullo superans. Pedes robusti; tibiæ posticæ quadricalcaratæ. Alæ anticæ latiusculæ, acutæ, costa convexa; posticæ margine exteriori antico subexcavato.

Female. Body hardly stout. Front with a short prominent tuft. Proboscis obsolete. Palpi porrect, lanceolate, slightly curved downward, much longer than the breadth of the head; second joint slightly fringed above; third lanceolate, full half the length of the second. Antennæ slender. Abdomen extending a little beyond the hind wings. Legs stout, not long; hind tibiæ with four moderately long spurs. Wings rather broad. Fore wings acute; costa convex; exterior border slightly convex and oblique. Hind wings with the fore part of the exterior border slightly emarginate.

1. BEGUNNA XANTHOIDES.

Fœm. *Ochracea; alæ lineolis plurimis transversis obscurioribus; anticæ puncto subcostali fusco; posticæ albido-cinereæ.*

Female. Ochraceous, paler beneath. Wings with many small transverse darker streaks between the veins. Fore wings with a brown subcostal point before the middle. Hind wings whitish cinereous. Length of the body 4 lines; of the wings 10 lines.

a. Vancouver's Island. Presented by Dr. Lyall.

Genus 16. MYEZA.

Mas. Corpus sat robustum. Palpi porrecti, lanceolati, capitis latitudine multo longiores; articulus 3us parvus. Antennæ robustæ, glabræ. Abdomen alas posticas longe superans. Pedes validi; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ apice quadratæ.

Male. Body rather stout. Palpi porrect, lanceolate, much longer than the breadth of the head; third joint about one-fourth of the length of the second. Antennæ robust, smooth. Abdomen extending much beyond the hind wings. Legs stout; hind tibiæ with four long spurs. Fore wings acutely quadrate at the tips.

1. MYEZA TONSALIS.

Mas. *Cinerea; caput albidum; alæ anticæ cervino tinctæ, lineis duabus e punctis elongatis nigricantibus, 1a arcuata, 2a costam versus retracta, gutta basali nigra, puncto discali nigricante, punctis marginalibus atris.*

Male. Cinereous. Fore wings mostly tinged with fawn-colour; exterior line oblique, composed of elongated blackish points, entire and abruptly retracted towards the costa; middle line of blackish points much curved, not extending to the hind part of the wing, with a blackish discal point on its inner side; an elongated black discal dot nearer the base; marginal points deep black. Hind wings with minute blackish marginal points; fringe whitish cinereous. Length of the body 7 lines; of the wings 14 lines.

Sarawak, Borneo. In Mr. Saunders' collection.

Genus 17. CATAGELA.

Mas. Corpus gracile. Proboscis brevis. Palpi porrecti, capitis latitudine multo longiores; articulus 2us subtus fimbriatus; 3us lanceolatus. Antennæ validæ, setulosæ, pubescentes. Abdomen alas posticas longe superans. Pedes longissimi, gracillimi; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ longæ, angustæ; anticæ acutæ, margine exteriori subconvexo perobliquo.

Male. Body slender. Proboscis short. Palpi porrect, very much longer than the breadth of the head; second joint with a short thick fringe beneath; third lanceolate, full half the length of the second. Antennæ stout, setulose, pubescent. Abdomen extending much beyond the hind wings; apical tuft small. Legs very long and slender; hind tibiæ with four long spurs. Wings long, narrow. Fore wings acute; costa straight; exterior border slightly convex, very oblique.

1. CATAGELA ADJURELLA.

Mas. *Subochracea*; alæ anticæ pallide cinereæ, fuscescente substrigatæ, basi ochraceæ, linea submarginali fusca postice indistincta; posticæ albidæ.

Male Dull ochraceous. Abdomen, hind wings and under side whitish. Fore wings pale cinereous, slightly and diffusedly streaked with pale brown, ochraceous at the base; submarginal line brown, indeterminate hindward, more oblique than the exterior border. Length of the body 4 lines; of the wings 10 lines.

a. Colombo, Ceylon. From M. Nietner's collection.

Sect. 2.

Mas. Fasciculus frontalis productus, peracutus. Palpi porrecti, capitis latitudine fere duplo longiores; articulus 2us pilosus; 3us lanceolatus, 2i dimidio brevior. Antennæ validæ, pubescentes. Abdomen cylindricum, alas posticas longe superans. Pedes longi, graciles. Alæ anticæ margine exteriori convexo perobliquo.

Male. Frontal tuft very acute and prominent. Palpi porrect, nearly twice longer than the breadth of the head; second joint pilose; third lanceolate, much more slender than the second, and a little less than half its length. Antennæ stout, pubescent. Abdomen cylindrical, extending for almost half its length beyond

the hind wings. Legs long, slender. Fore wings with the exterior border convex, very oblique.

2. CATAGELA? ADMOTELLA.

Mas. *Pallide straminea; alæ anticæ nigricante subconspersæ, punctis tribus lineaque exteriori obliqua diffusa nigris; posticæ albidæ.*

Male. Pale straw-colour. Fore wings very thinly and minutely blackish-speckled, with three black points in a line on the disk, and with a more exterior oblique diffuse black line, which is obsolete hindward. Hind wings whitish. Length of the body 5 lines; of the wings 10 lines.

a. Ceylon. From M. Nietner's collection.

Genus 18. ARAXES.

Mas et fœm. Corpus sat gracile. Proboscis conspicua. Palpi maxillares breves, vix ascendentes. Palpi labiales porrecti, capitis latitudine multo longiores; articulus 3us lanceolatus, 2o non brevior. Abdomen alas posticas paullo superans. Pedes sat graciles; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ elongatæ, acutæ, sat angustæ, margine exteriori subobliquo vix convexo. *Mas.*—Antennæ crassæ. *Fœm.*—Antennæ vix robustæ.

Male and female. Body rather slender. Proboscis distinct. Maxillary palpi hardly ascending, about half the length of the labial palpi; third joint acute, minute. Labial palpi porrect, much longer than the breadth of the head; third joint lanceolate, as long as the second. Abdomen extending a little beyond the hind wings. Legs smooth, rather slender; hind tibiæ with four long spurs. Wings elongate. Fore wings acute, rather narrow; costa straight; exterior border hardly convex, slightly oblique. *Male.*—Antennæ very stout. *Female.*—Antennæ hardly stout.

1. ARAXES ADMIGRATELLA.

Mas et fœm. *Albida, thorax et abdomen subfuscescentia; alæ linea marginali nigra; anticæ fusco subconspersæ, spatio costali interiore fuscescente, lineis duabus fuscis angulosis; posticæ albidæ, semihyalinæ.*

Male and female. Whitish. Thorax and abdomen slightly brownish. Wings with a slender black marginal line. Fore wings

partly and thinly brown-speckled; costal space tinged with brown along more than half the length from the base; exterior and submarginal line brown, deeply zigzag. Hind wings whitish, semi-hyaline. Length of the body $3\frac{1}{2}$ —4 lines; of the wings 6—8 lines. *a—g.* Ceylon. From M. Nietner's collection.

2. ARAXES CÆSELLA.

Fœm. *Albida; alæ anticæ testaceo subtinctæ, lineis duabus angulosis cervinis, puncto discali punctisque marginalibus nigris; posticæ albæ, subhyalinæ.*

Female. Whitish. Body and fore wings with a slight testaceous tinge. Fore wings with two fawn-coloured zigzag lines; discal point and marginal points black. Hind wings white, very slightly hyaline. Length of the body 3 lines; of the wings 6 lines.

a. Ceylon. From M. Nietner's collection.

Sect. 2.

Mas. Palporum articulus 3us 2i dimidio non brevior. Alæ anticæ perangustæ, margine exteriori perobliquo.

Male. Third joint of the palpi about half the length of the second. Fore wings very narrow; exterior border very oblique.

3. ARAXES? CELSELLA.

Mas. *Pallide cervina; alæ anticæ apud costam roseo tinctæ; posticæ albæ, subhyalinæ.*

Male. Pale fawn-colour. Fore wings with a rosy tinge along the costa. Hind wings white, slightly hyaline. Length of the body 4 lines; of the wings 8 lines.

a. Ceylon. From M. Nietner's collection.

Sect. 3.

Mas et fœm. Palporum articulus 3us lanceolatus, 2o vix brevior. Abdomen alas posticas paullo superans. Pedes læves, longi, gracillimi. Alæ anticæ angustæ, margine exteriori convexo perobliquo.

Male and female. Third joint of the palpi lanceolate, nearly as long as the second. Abdomen of the male extending a little beyond the hind wings. Legs smooth, long, very slender. Fore wings narrow; exterior border convex, very oblique.

4. ARAXES? DECURSELLA.

Mas et fœm. *Flavescente-alba.*

Male and female. Yellowish white. Length of the body $2\frac{1}{2}$ —3 lines; of the wings 6—7 lines.

a—e. Ceylon. From M. Nietner's collection.

Genus 19. APURIMA.

Mas. Corpus gracile. Proboscis brevis, gracilis. Palpi labiales graciles, porrecti, lanceolati, pilosi, capitis latitudine valde longiores. Palpi maxillares breves. Antennæ breves, glabræ, graciles. Abdomen alas posticas paullo superans, apice tumidum. Pedes læves, graciles. Alæ anticæ elongatæ, acutæ, margine exteriore perobliquo.

Male. Body slender. Proboscis short, slender. Labial palpi porrect, lanceolate, slender, pilose, very much longer than the breadth of the head. Maxillary palpi about one-fourth of the length of the labial palpi. Antennæ short, smooth, slender. Tegulæ of the thorax with long hairs. Abdomen extending a little beyond the hind wings, tumid towards the tip; apical tuft moderately long. Legs smooth, slender; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings acute; costa straight; exterior border hardly convex, very oblique.

1. APURIMA XANTHOGASTRELLA.

Mas. *Nivea; abdomen supra luteum; alæ lituris nullis.*

Male. Pure white. Abdomen luteous above and at the tip beneath. Wings without any markings. Length of the body 6 lines; of the wings 16 lines.

a. South Hindostan. Presented by M. J. Walhouse, Esq.

Genus 20. SAFRA.

Mas. Corpus sat robustum. Proboscis brevissima. Palpi labiales oblique ascendentes, verticem paullo superantes, capitis latitudine breviores; articulus 2us pilosus; 3us longi-conicus. Antennæ glabræ, validæ; articulus 1us crassus. Pedes læves; tibiæ posticæ robustæ. Alæ anticæ longæ, angustæ, apice rotundatæ, costa basi subconvexa, margine exteriori sat obliquo.

Male. Body rather stout. Proboscis very short. Labial palpi obliquely ascending, rising a little higher than the vertex, shorter than the breadth of the head; 2nd joint pilose; third elongate-conical, not more than one-third of the length of the second. Antennæ stout, smooth; first joint very stout. Legs smooth, moderately long; hind tibiæ robust, with four long spurs. Wings elongate, narrow; fringe long. Fore wings rounded at the tips; costa slightly convex towards the base; exterior border slightly convex, rather oblique.

1. SAFRA METAPHÆELLA.

Mas. *Albida, nitens; alæ anticæ nigro subconspersæ, costa vittaque discali informi pallide luteis; posticæ æneo-fuscæ, fimbria alba.*

Male. Whitish, shining. Fore wings thinly and minutely black-speckled, pale luteous along most of the costa, and with an irregular pale luteous discal stripe. Hind wings brown, with an æneous tinge; fringe white. Length of the body 5? lines; of the wings 12 lines.

a. Shanghai. From the Entomological Society's collection.

Genus 21. AREQUIPA.

Fæm. Corpus sat robustum. Proboscis nulla. Palpi labiales porrecti, graciles, lanceolati, capitis latitudine fere duplo longiores. Pedes læves, sat valide. Alæ breviusculæ, latiusculæ; anticæ acutæ, costa subrecta, margine exteriori subobliquo vix convexo.

Female. Body rather stout. Proboscis obsolete. Labial palpi porrect, slender, lanceolate, nearly twice longer than the breadth of the head. Maxillary palpi more than one-fourth of the length of the labial palpi. Antennæ slender. Abdomen extending a little beyond the hind wings. Legs smooth, moderately

long and stout. Wings comparatively broad and short. Fore wings acute; costa almost straight; exterior border hardly convex, slightly oblique.

1. AREQUIPA TURBATELLA.

Argenteo-alba; alæ anticæ punctis duobus discalibus punctisque submarginalibus et marginalibus nigris, vitta subtus subcostali diffusa fuscescente.

Female. Silvery white. Fore wings with a submarginal line formed of black points, abbreviated in front; two black discal points, one more exterior than the other and nearer the costa; marginal points black; under side with a diffuse brownish subcostal stripe. Length of the body 4 lines; of the wings 11 lines.

a, b. United States. Presented by E. Doubleday, Esq.,

Genus 22. TUNZA.

Mas et fœm. Corpus sat robustum. Proboscis nulla. Palpi porrecti, compressi, vix arcuati, capitis latitudine vix breviores; articulus 3us lanceolatus, 2i triente non longior. Antennæ subpectinatae. Abdomen maris alas posticas longe superans. Pedes læves, longiusculi, sat graciles. Alæ anticæ lanceolatae, sat angustæ, costa vix convexa, margine exteriori perobliquo.

Male and female. Body rather stout. Proboscis obsolete. Labial palpi porrect, compressed, very slightly curved downward, nearly as long as the breadth of the head; third joint lanceolate, about one-third of the length of the second. Antennæ slightly pectinated. Abdomen extending much beyond the hind wings in the male, much shorter in the female. Legs smooth, rather long and slender; hind tibiæ with four long spurs. Fore wings lanceolate, acute, rather narrow; costa hardly convex; exterior border slightly convex, very oblique.

1. TUNZA PROMPTELLA.

Mas. *Schistaceo-cinerea; alæ anticæ disco pallide cervino lineis duabus argenteis nigro marginatis, 2a subarcuata, punctis duobus discalibus nigris; posticæ albido-cinereæ, flavescente subtinctæ.*

Male. Slaty cinereous. Palpi porrect, lanceolate, a little shorter than the breadth of the head. Antennæ slightly pectinated. Abdomen and hind wings whitish cinereous, with a slight yellowish

tinge. Fore wings with a pale fawn-coloured disk, in which there are two silvery black-bordered lines; second line very slightly curved, beginning behind the first, ending at the tip of the wing; two black points in front of the first line. Length of the body 5—7 lines; of the wings 16—19 lines.

a, b. ——— ?

Genus 23. SAMANA.

Fœm. Corpus gracile. Proboscis breviuscula, sat gracilis. Palpi porrecti, lanceolati, subtus subfimbriati, capitis latitudine multo longiores. Antennæ graciles. Abdomen alas posticas non superans. Pedes longi, graciles, calcaribus breviusculis. Alæ anticae latæ, falcatae, costa subconvexa, margine exteriori antico subconcavo.

Female. Body slender. Proboscis rather short and slender. Labial palpi porrect, lanceolate, slightly fringed beneath, much longer than the breadth of the head. Antennæ slender. Abdomen not extending beyond the hind wings. Legs long, smooth, slender; hind tibiæ with four rather short spurs. Wings broad. Fore wings acute, falcate; costa slightly convex; exterior border rather oblique, slightly concave in front. Hind wings hardly acute.

1. SAMANA FALCATELLA.

Fœm. *Pallide straminea; alæ punctis marginalibus nigris; alæ anticae fusco conspersæ, lineis duabus discalibus nigris fusco marginatis, 2a obliqua, striga nigra brevi discali; posticae albæ.*

Female. Pale straw-colour, mostly whitish beneath. Wings with black marginal points. Fore wings minutely brown-speckled; interior longitudinal line and exterior oblique line black, both bordered with brown, the first in front, the second outward; a short black discal streak. Hind wings white. Length of the body $5\frac{1}{2}$ lines; of the wings 15 lines.

a. New Zealand. Presented by the Rev. W. Colenso.

Genus 24. ADENA.

Fœm. Corpus gracile. Proboscis mediocris. Palpi porrecti, lanceolati, capitis latitudine paullo longiores. Antennæ graciles. Abdomen alas posticas vix superans. Pedes longi, graciles, calcari-

bus longis. Alæ anticæ elongatæ, subfalcatæ, margine exteriore flexo antice excavato postice perobliquo.

Female. Body slender. Proboscis moderately long. Palpi porrect, lanceolate, a little longer than the breadth of the head. Antennæ slender. Abdomen hardly extending beyond the hind wings. Legs smooth, long, slender; hind tibiæ with four long spurs. Wings elongate, moderately broad. Fore wings acute, subfalcate; costa straight; exterior border bent in the middle, concave in front, very oblique hindward.

This genus hardly belongs to the *Crambites*.

1. ADENA XANTHIALIS.

Mas. *Ochracea; alæ anticæ linea interiore undulata, plaga discali fasciæque lata marginali saturatioribus, costa lineolis albis, gutta strigulaque exteriore subcostalibus vitreis; posticæ pallide ochraceo-cinereæ, margine exteriore fuscescente.*

Male. Ochraceous. Abdomen, hind wings and under side pale ochraceous-cinereous. Fore wings with an undulating interior line, a middle patch and a broad marginal band darker ochraceous; costa with a few short white lines; a vitreous subcostal dot and an exterior short transverse vitreous subcostal streak. Hind wings tinged with brown along the exterior border. Length of the body $5\frac{1}{2}$ lines; of the wings 16 lines.

a. Auckland, New Zealand. From Mr. Oxley's collection.

Genus 25. ACARA.

Fœm. Corpus crassum. Proboscis nulla. Palpi labiales porrecti, graciles, lanceolati, capitis latitudine non breviores. Palpi maxillares breves. Antennæ breviusculæ, sat graciles. Abdomen alas posticas superans. Pedes robusti, breviusculi, subpilosus. Alæ anticæ longæ, acutæ, vix falcatæ, margine exteriore subobliquo vix convexo.

Female. Body thick. Proboscis obsolete. Labial palpi porrect, slender, lanceolate, full as long as the breadth of the head. Maxillary palpi short. Antennæ rather short and slender. Abdomen extending beyond the hind wings. Legs stout, rather short, somewhat pilose; hind tibiæ with four moderately long spurs. Wings long, moderately broad. Fore wings acute, hardly falcate; costa straight; exterior border hardly convex, slightly oblique.

1. ACARA MOROSELLA.

Fœm. *Pallide cinereo-cervina; alæ anticæ nigro conspersæ, linea exteriori obliqua flexa indistincta e guttis diffusis fuscis, punctis marginalibus nigris; posticæ fuscæ.*

Female. Pale cinereous fawn-colour. Fore wings minutely black-speckled; a bent oblique indistinct incomplete exterior line composed of a few diffuse brown dots; marginal points black. Hind wings brown. Length of the body 10 lines; of the wings 28 lines.

a, b. Silhet. From the Rev. J Stainforth's collection.

Genus 26. ZEKELITA.

Mas. Corpus sat robustum. Proboscis nulla. Palpi labiales porrecti, lanceolati, capitis latitudine valde breviores. Palpi maxillares breves. Antennæ subpectinatæ. Abdomen alas posticas paullo superans. Pedes graciles; tibiæ posticæ calcaribus quatuor longis. Alæ anticæ acutæ, margine exteriori obliquo subconvexo.

Male. Body rather stout. Proboscis obsolete. Labial palpi porrect, lanceolate, much longer than the breadth of the head. Maxillary palpi about one-third of the length of the labial palpi. Antennæ slightly pectinated. Abdomen extending a little beyond the hind wings. Legs smooth, slender, moderately long; hind tibiæ with four long spurs. Fore wings acute, moderately broad; costa straight; exterior border slightly convex, moderately oblique.

1. ZEKELITA EQUALISELLA.

Mas. *Schistacea; palpi obscuriores; alæ anticæ spatio costali exteriori cano, atomis nonnullis nigris, striga submarginali fuscescente valde diffusa; posticæ margine exteriori subfuscescentes.*

Male. Slaty cinereous. Palpi darker cinereous. Abdomen and hind wings paler. Fore wings hoary along the exterior part of the costa; a few black speckles; a brownish very diffuse submarginal streak. Hind wings slightly tinged with brown along the exterior border. Length of the body 5 lines; of the wings 14 lines.

a. South Africa. Presented by R. Trimen, Esq.

Genus 27. AQUITA.

Mas et fœm. Corpus robustum. Proboscis brevis, gracilis. Palpi lanceolati, porrecti, subarcuati, supra fimbriati, capitis latitudine non longiores. Antennæ validæ, subsetulosæ. Abdomen alas posticas paullo superans. Pedes robusti; tibiæ posticæ subfimbriatæ, calcaribus longis. Alæ anticæ aspere squamosæ, apice rotundatæ, margine exteriori perobliquo.

Male and female. Body stout. Proboscis short, slender. Palpi lanceolate, slightly curved downward, slightly fringed above, about as long as the breadth of the head. Antennæ rather stout, minutely setulose. Abdomen extending a little beyond the hind wings. Legs stout, smooth; hind tibiæ slightly fringed, with four long spurs. Fore wings moderately broad, rounded at the tips, with some nearly erect scales in the disk; costa straight; exterior border straight, very oblique.

1. AQUITA HORRIDELLA.

Cana; alæ anticæ nigro strigatæ, ferrugineo subinctæ, basi marginæque exteriori ferrugineis, vitta discali diffusa nigricante, squamis nonnullis asperis nigris; posticæ albido-cinereæ.

Hoary. Fore wings irregularly streaked with black, ferruginous at the base and along the exterior border, and more slightly tinged with ferruginous in some parts of the disk; an irregular blackish diffuse discal stripe containing the protuberant black scales. Hind wings whitish cinereous. Length of the body 5—6½ lines; of the wings 14—16 lines.

a—d. Australia. From Mr. Damel's collection.

Genus 28. PHARGA.

Mas. Corpus crassum. Fasciculus frontalis productus. Proboscis robusta. Palpi labiales porrecti, pilosi, crassi, arcuati, capitis latitudine non breviores. Palpi maxillares longiusculi. Antennæ valide, dense setulosæ. Abdomen alas posticas vix superans. Pedes robusti, pilosi; antici densissime fasciculati. Alæ anticæ latiusculæ, elongatæ, acutæ, margine exteriori convexo sat obliquo.

Male. Body thick. Frontal tuft prominent. Proboscis robust. Labial palpi porrect, pilose, thick, curved downward, full as long as the breadth of the head. Maxillary palpi full half the

length of the labial palpi, to which they are closely applied. Antennæ stout, densely setulose. Abdomen hardly extending beyond the hind wings. Legs stout, rather short; femora and tibiæ pilose; fore femora and fore tibiæ mostly densely tufted; hind tibiæ with four long spurs. Fore wings elongate, acute, rather broad; costa straight; exterior border convex, rather oblique.

This genus has an affinity to the *Noctuities*.

[1. PHARGA FASCICULELLA.

Mas. *Pallidissime straminea; alæ anticæ fusco conspersæ, puncto nigro discali interiore, linea obliqua fuscescente postice obsoleta, linea submarginali pallida valde indistincta, punctis marginalibus nigris; posticæ pallidiores, punctis marginalibus fuscis.*

Male. Very pale straw-colour. Fore wings very minutely brown-speckled; a black point in front of the interior part of the disk; a brownish oblique line extending from the tips, obsolete towards the interior border, pale-bordered on the outer side; a pale very indistinct submarginal line; marginal points black. Hind wings paler; marginal points brown. Length of the body 7 lines; of the wings 18 lines.

a. Venezuela. From Mr. Dyson's collection.

Genus 29. ARUCHA.

Mas. Corpus gracile. Fasciculus frontalis productus. Palpi porrecti, lanceolati, elongati, angulati; articulus 3us brevis, gracillimus. Antennæ robustæ, glabræ. Abdomen alas posticas sat superans; fasciculus apicalis minimus. Pedes graciles. Alæ anticæ angustæ, acutæ, margine exteriori subconvexo perobliquo.

Male. Body slender. Frontal tuft prominent. Proboscis distinct. Labial palpi porrect, lanceolate, nearly twice longer than the breadth of the head; second joint hardly ascending; third joint very slender, inclined downward, about one-fourth of the length of the second, with which it forms a distinct angle. Antennæ stout, smooth. Abdomen extending rather beyond the hind wings; apical tuft very small. Legs smooth, slender; hind tibiæ with four long spurs. Fore wings narrow, acute; exterior border slightly convex, very oblique.

1. ARUCHA INDICATALIS.

Mas. *Pallide cinereo-cervina; palpi obscure cinerei; alæ anticæ vitta costali alba; posticæ albidæ, iridescentes, subhyalinæ, fuscescente marginatæ.*

Male. Pale cinereous fawn-colour. Palpi dark cinereous. Fore wings with a white costal stripe. Hind wings whitish, iridescent, nearly hyaline, with a brownish exterior border. Length of the body $5\frac{1}{2}$ lines; of the wings 13 lines.

a. South Africa. Presented by Sir A. Smith.

Genus 30. AFFA.

Mas. Corpus crassum. Proboscis nulla. Palpi vix ascendentes, capitis latitudine non breviores; articulus 2us robustus, pilosus; 3us gracilis, brevis, lanceolatus. Antennæ robustæ, glabræ. Abdomen alas posticas longe superans. Alæ spisse, elongatæ; anticæ acutæ, costa vix convexa, margine exteriori subobliquo; posticæ basi fasciculatæ.

Male. Body very robust. Proboscis obsolete. Palpi very slightly ascending, as long as the breadth of the head; second joint stout, pilose; third slender, lanceolate, not more than one-fourth of the length of the second. Antennæ stout, smooth. Abdomen extending much beyond the hind wings; apical tuft small. Wings dense, elongate. Fore wings acute, moderately broad; costa hardly convex; exterior border slightly convex and oblique. Hind wings tufted above at the base.

1. AFFA BIPUNCTELLA.

Mas. *Pallidissime cinereo-straminea; alæ anticæ gutta discali fuscescente diffusa, disco subtus fusco; posticæ fuscescente-cinereæ.*

Male. Very pale cinereous straw-colour. Fore wings with a diffuse brownish dot in the interior part of the disk; disk beneath brown. Hind wings brownish cinereous. Length of the body 9 lines; of the wings 18 lines.

a. ———?

Tribe TORTRICITES.

Fam. 1. NYCTEOLIDÆ.

Nycteolidæ, *H.-S.*—Cymbidæ, *Gn.*

Genus 1. NYCTEOLA.

Nycteola, *H.-S.*

1. NYCTEOLA FALSALIS.

falsalis, *H.-S.*

Genus 2. HYLOPHILA.

Hylophila, *Hb.*—Halias, *Tr.*—Chloeophora, *St.*

1. HYLOPHILA PRASINANA.

prasinana, *L.**a—h.* England. From Mr. Stephens' collection.*i—m.* England.*n—q.* Europe. From M. Becker's collection.

2. HYLOPHILA QUERCANA.

quercana, *W. V.**a—e.* England. From Mr. Stephens' collection.*f—r.* England.*s, t.* Europe. From M. Becker's collection.*v.* Australia. Presented by R. Bakewell, Esq.

Genus 3. EARIAS.

Earias, *H.-S.*—Halias, *Tr.*

1. EARIAS CLORANA.

clorana, *L.**a—h.* England. From Mr. Stephens' collection.*i—m.* England. From Mr. King's collection.*n, o.* England. From Mr. Foxcroft's collection.*p—r.* England.*s, t.* Europe. From M. Becker's collection.

2. *EARIAS SILIQUANA*.

siliquana, *H.-S.*

3. *EARIAS VERNANA*.

vernana, *Hb.*

4. *EARIAS?* *CHROMATARIA*.

Mas et foem. Læte viridis; caput, thorax anticus et alarum anticarum costa basalis flavo aut ochraceo tincta; frontis latera rufa; alæ anticæ punctis duobus discalibus fuscis aut rufescentibus, fascia marginali informi rufescente; posticæ albæ.

Male and female. Bright grass-green, pale cinereous beneath. Head, fore part of the thorax, and interior costal space tinged with yellow or with ochraceous. Front on each side and palpi red. Antennæ red at the base. Third joint of the palpi short and conical in the male, long and lauceolate in the female. Abdomen whitish. Fore wings with two brown or reddish discal points, and with an irregular and variable marginal brown band. Hind wings white, iridescent. Length of the body $3\frac{1}{2}$ — $4\frac{1}{2}$ lines; of the wings 7—10 lines.

a. Ceylon. Presented by Dr. Templeton.

b—e. Ceylon. From M. Nietner's collection.

f, g. North Hindostan. From Mr. James' collection.

h. North Hindostan. From Mr. Stevens' collection.

i, j. Shanghai. From the Entomological Society's collection.

5. *EARIAS?* *FRONDOSANA*.

Foem. Læte viridis; abdomen albidum; alæ posticæ albæ, iridescentes, margine diffuso fusco. Var. β.—Caput et thoracis latera albida; alæ anticæ vittis duabus albidis.

Female. Bright grass-green, whitish beneath. Palpi porrect; third joint linear, a little shorter than the second. Abdomen whitish. Hind wings white, iridescent, with a diffuse brown border. Length of the body $4\frac{1}{2}$ —5 lines; of the wings 9—10 lines.

Var. β. Head and sides of the thorax whitish. Fore wings with two broad whitish stripes, one costal, the other along the interior border.

- a.* Cape. From M. Dregé's collection.
b. Cape. Presented by Sir A. Smith.
c—e. Mauritius. From Dr. Becke's collection.
f, g. North Hindostan. Presented by the Secretary of the India Board.
h. North Hindostan. From Mr. Stevens' collection.
i. Punjaub. Presented by Sir J. Hearsay.
j. South Hindostan. Presented by M. J. Walhouse, Esq.
k. Moreton Bay. From Mr. Diggles' collection.
l. ——— ?

Genus 4. THAGORA.

Fœm. Corpus robustum. Fasciculus frontalis productus. Proboscis brevis. Palpi decumbentes, subarcuati, capitis latitudine paullo breviores; articulus 3us lanceolatus. Abdomen alas posticas perpaullo superans. Alæ anticæ vix acutæ; costa vix conveva, margine exteriori subrecto vix obliquo.

Female. Body stout. Frontal tuft prominent. Proboscis short. Palpi decumbent, slightly curved, a little shorter than the breadth of the head; third joint lanceolate, about half the length of the second. Abdomen extending very little beyond the hind wings. Legs moderately stout; spurs long. Fore wings moderately broad, hardly acute; costa hardly convex; exterior border almost straight, very slightly oblique.

1. THAGORA FIGURANA.

Fœm. Subochracea; abdomen subcervino-albidum; alæ anticæ læte virides, basi, costa, vittis tribus obliquis macularibus fimbriaque subochraceis; posticæ æneo-albidæ.

Female. Dull ochraceous, mostly whitish-cinereous beneath. Abdomen whitish, tinged with pale fawn-colour, the latter hue most prevalent towards the tip. Fore wings bright grass-green; base, costa and fringe dull ochraceous; three oblique irregular macular dull ochraceous bands. Hind wings whitish, with an æneous tinge. Length of the body 5 lines; of the wings 12 lines.

- a.* Ceylon. From M. Nietner's collection.

Genus 5. SARROTHRIPA.

Axia, *Hb.*—Sarrothripa, *Ct.*

1. SARROTHRIPA REVAYANA.

Revayana, *W. V.*—undulana, *Hb.*—dilutana, *Hb.*—degenerana, *Hb.*—punctana, *Hb.*—ramosana, *Hb.*—ramulana, *Ct.*—russiana, *Dp.*

a—q. England. From Mr. Stephens' collection.

o—v. England. From Mr. Bouchard's collection.

u—ii. England.

Fam. 2. TORTRICIDÆ.

Tortricina, *Sta.*

Tortricidæ, Penthinidæ, Spilonotidæ, Sericoridæ, Sciaphilidæ, Grapholithidæ, Cochylidæ, Aphelidæ, *Gn.*

Tortricidæ, Plicatæ, Anchyloperidæ, Peroneidæ, Stigmonotidæ, Carpocapsidæ, Cnephasidæ, Sericoridæ, Lozoperidæ, *Sta.*, *Wilk.*

Tortricodidæ, *Sta.*

In this list, for the better facility of reference, the exotic *Tortricidæ* are not intermixed with the European species, but are recorded after the end of the latter.

Genus 1. RHACODIA.

Rhacodia, *Hb.*

1. RHACODIA CAUDANA.

caudana, *F.*—emargana, *F.*—effractana, *Hb.*—excavana, *Hw.*—ochracea, *St.*

a—ee. England. From Mr. Stephens' collection.

ff—gg. England. From Mr. Foxcroft's collection.

hh. England. From Mr. Bouchard's collection.

ii—pp. England.

qq. Europe. From M. Becker's collection.

2. RHACODIA EFFRACTANA.

effractana, *Froel.*—caudana, *Hb.*—torquana, *Ztt.*

a, b. Europe. From M. Becker's collection.

Genus 2. TERAS.

Teras, *Tr.*—Rhyacionia, Acleris, Lopas, Eclectis, Teleia, Aphania, Oxigrapha, Sparganothis, Nephodesme, *Hb.*—Peronea, *Ct.*—Dictyopteryx, Cheimatophila, Paramesia, *St.*

1. TERAS CRISTANA.

cristana, *W. V.*—ephippana, *F.*—Rossiana, *F.*—profanana, *F.*—Desfontainana, *F.*—sericana, *Hb.*—spadiceana, *Hw.*—Lefeburiana, *Dp.*—ruficostana, *Ct.*—albipunctana, *St.*—subvittana, *St.*—insulana, *Ct.*—combustana, *Dp.*—consimilana, *St.*—albovittana, *St.*—fulvocristana, *St.*—substriana, *St.*—brunneana, *St.*—vittana, *St.*—striana, *St.*

a—*aaaaa*. England. From Mr. Stephens' collection.

bbbbbb—*llllll*. England. From Mr. Bouchard's collection.

mmmmmmm—*ccccccc*. England. From Mr. Stevens' collection.

dddddddd. England. Presented by E. Doubleday, Esq.

eeeeeeee. England. Presented by F. Bond, Esq.

ffffffff—*ttttttt*. England.

2. TERAS HASTIANA.

hastiana, *L.*—coronana, *Thnb.*—scabrana, *W. V.*—elevana, *F.*—sparsana, *Froel.*—sponsana, *W. V.*—apiciana, *Hb.*—aquilana, *Hb.*—radiana, *Hb.*—divisana, *Hb.*—combustana, *Hb.*—Byringerana, *Hb.*—Buringerana, *Hb.*—eximiana, *Hw.*—albis-triana, *Hw.*—obsoletana, *St.*—centrovittana, *Hw.*—ramo-striana, *St.*—Mayrana, *Hb.*—subcristana, *St.*—autumnana, *St.*

a—*sss*. England. From Mr. Stephens' collection.

ttt—*vvvv*. England. From Mr. Stevens' collection.

uuuu—*dddddd*. England. From Mr. Bouchard's collection.

eeeeee—*vvvvvv*. England. From Mr. Foxcroft's collection.

uuuuuu—*ttttttt*. England.

Var. Scabrana.

a—*f*. England. From Mr. Stephens' collection.

g, *h*. England. From Mr. Bouchard's collection.

i—*n*. England.

3. TERAS ABIETANA.

abietana, *Hb.*—confixana, *Hb.*

4. TERAS UMBRANA.

umbrana, *Hb.*—radiana, *Dp.*

a—j. England. From Mr. Stephens' collection.

k—p. England. From Mr. Bouchard's collection.

q—v. England.

5. TERAS MACCANA.

maccana, *Tr.*—marmorana, *Btl.*—Var. basalticola, *Std.*
(Iceland).

a—h. England. From Mr. Stephens' collection.

i, l. England. From Mr. Bouchard's collection.

m. England.

6. TERAS CALEDONIANA.

Caledoniana, *St.*

a—h. England. From Mr. Stephens' collection.

i, j. England. From Mr. Bouchard's collection.

7. TERAS MIXTANA.

mixtana, *Hb.*—hyemana, *Hw.*—castaneana, *St.*

a—u. England. From Mr. Stephens' collection.

x, y. England.

8. TERAS FIMBRIANA.

fimbriana, *Thnb.*

a—e. England. From Mr. Stephens' collection.

f, g. England. From Mr. Bouchard's collection.

9. TERAS ARCTICANA.]

arctica, *Gn.*

10. TERAS COMARIANA.

Comariana, *Zl.*

11. TERAS TRISTANA.

tristana, *Hb.*—logiana, *W. V.*—boscana, *Hw.*—plumbosana, *Hw.*
—falsana, *Hb.*—trigonana, *St.*

a—n. England. From Mr. Stephens' collection.
o—v. England. From Mr. Bouchard's collection.
u—z. England. From Mr. Foxcroft's collection.
aa. England.

12. TERAS VARIEGANA.

variegana, *W. V.*—*Abildgaardana*, *F.*—*Osbeckiana*, *Thnb.*—*cris-
 tana*, *Hb.*—*borana*, *Hw.*—*Var. asperana*, *F.*—*nythemera*,
Hb.

a—w. England. From Mr. Stephens' collection.
x. England. From Mr. Chant's collection.
y. England. From Mr. Stevens' collection.
z. England. From Mr. Bouchard's collection.
aa—mm. England.
nn—ss. Europe. From M. Becker's collection.
tt—ww. Germany. From M. Heminghoffen's collection.

13. TERAS PERMUTANA.

permutana, *Dp.*—*permutatana*, *H.-S.*
a—i. England. From Mr. Stephens' collection.
j. England. From Mr. Foxcroft's collection.
k. England. Presented by J. C. Dale, Esq.
l, m. England.
n, o. Europe. From M. Becker's collection.

14. TERAS INSIGNANA.

insignana, *H.-S.*

15. TERAS BOSCANNA.

Boscana, *F.*—*cerusana*, *Hb.*
a—d. England. From Mr. Stephens' collection.
e—g. England.

16. TERAS PARISIANA.

Parisiana, *Gn.*—*ulmana*, *Dp.*—*spectrana*, *Dp.*

17. TERAS LITERANA.

literana, *L.*—*squamana*, *F.*—*asperana*, *W. V.*—*squamulana*, *Hb.*—
Romanana, *F.*—*Var. irrorana*, *Hb.*—*Var. tricolorana*, *Hw.*—
squamulana, *Hb.*—*ærugana*, *Hb.*—*fulvo-mixtana*, *St.*—*Var.*
suavana, *H.-S.*

a—bb. England. From Mr. Stevens' collection.
cc—hh. England. Presented by B. Piffard, Esq.
ii—uu. England.
ww, xx. Europe. From M. Becker's collection.
yy—zz. Germany. From M. Heminghoffen's collection.

18. TERAS SCOTANA.

Scotana, *St.*

a—d. England. From Mr. Stevens' collection.
e—i. Scotland. From Mr. Foxcroft's collection.
j—l. England.

19. TERAS NIVEANA.

niveana, *F.*—Treueriana, *Hb.*—cerusana, *Dp.*

a, b. Europe. From M. Becker's collection.
c, d. Germany. From M. Heminghoffen's collection.

20. TERAS ROSCIDANA.

roscidana, *Hb.*—nebulana, *Hb.*

a. Europe. From M. Becker's collection.
b. Hungary. From M. Heminghoffen's collection.

21. TERAS LIPSIANA.

lipsiana, *W. V.*—sudariana, *Hb.*—strigulana, *Froel.*—leporinana, *Ztt.*

a—d. England. From Mr. Stephens' collection.
e—h. England. From Mr. Bouchard's collection.
i, j. England. Presented by S. Stevens, Esq.

22. TERAS PULVERANA.

pulverana, *H.-S.*—obtusana, *Ev.*

23. TERAS LACORDAIRANA.

Lacordairana, *Dp.*—obtusana, *Ev.*—dissonana, *H.-S.*

24. TERAS SPONSANA.

sponsana, *F.*—favillaceana, *Hb.*—reticulana, *Hw.*—lividana, *Tr.*—
 tristana, *St.*

- a—l.* England. From Mr. Stephens' collection.
m, n. England. From Mr. Stevens' collection.
o—t. England.
v—z. Europe. From M. Becker's collection.
aa. Germany. From M. Heminghoffen's collection.

25. TERAS RUFANA.

rufana, *W. V.*—*autumnana*, *Hb.*—*bistriana*, *Hw.*—*lucidana*, *Tr.*—*densana*, *Frr.*—*crassana*, *Dp.*—*albicostana*, *St.*—*similana*, *St.*—*erutana*, *H.-S.*

- a—g.* England. From Mr. Stephens' collection.
h—k. England. From Mr. Bouchard's collection.
l—t. England.

26. TERAS SCHALLERIANA.

Schalleriana, *L.*—*latifasciana*, *Hw.*—*labeculana*, *Frr.*—*erutana*, *H.-S.*

- a—k.* England. From Mr. Stephens' collection.
l—o. England. From Mr. Bouchard's collection.
p—s. England.
t, v. Europe. From M. Becker's collection.

27. TERAS COMPARANA.

comparana, *Hb.*—*rufana*, *Hw.*—*costimaculana*, *St.*

- a—i.* England. From Mr. Stephens' collection.
j. England. From Mr. Foxcroft's collection.
k—m. England.

28. TERAS ASPERSANA.

aspersana, *Hb.*—*adpersana*, *Froel.*—*ferrugana*, var., *Tr.*—*subtripunctulana*, *Wd.*

- a—h.* England. From Mr. Stephens' collection.
i. England. From Mr. Bouchard's collection.
j—m. England.

29. TERAS FERRUGANA.

ferrugana, *W. V.*—*tripunctana*, *Hb.*—*gnomana*, *Hw.*—*tripunctulana*, *St.*—*bifidana*, *St.*—*brachiana*, *Frr.*—*rufana*, *Froel.*—*gilvana*, *Froel.*—*ochreana*, *Froel.*—*conspersana*, *Froel.*—*Modeeriana*, *Ztt.*—*Proteana*, *Gn.*—*rubidana*, *H.-S.*—Var. ? *testaceana*, *Zl.*—*selasana*, *H.-S.*

a—p. England. From Mr. Stephens' collection.
q, r. England. From Mr. Foxcroft's collection.
s—u. England.
w, x. Europe. From M. Becker's collection.
y—cc. Germany. From M. Heminghoffen's collection.

Var. *tripunctana*.

a—n. England. From Mr. Stephens' collection.
o, p. England. From Mr. Stevens' collection.
q—w. England.
y, z. Europe. From M. Becker's collection.

30. *TERAS LITHARGYRANA*.

lithargyrana, H.-S.—rufana, Hb.

31. *TERAS QUERCINANA*.

quercinana, Zl.

32. *TERAS ULIGINOSANA*.

uliginosana, Hp. and Wtw.—atrosigmana, H.-S.

33. *TERAS PROTEANA*.

Proteana, H.-S.

34. *TERAS LORQUINIANA*.

Lorquiniana, Dp.

a. Europe. From M. Becker's collection.

35. *TERAS CONTAMINANA, Hb.*

contaminana, Hb.—ciliana, Hb.—obscurana, Dn.—dimidiana, Froel.

a—l. England. From Mr. Stephens' collection.

m. England. From Mr. Chant's collection.

n. England. From Mr. Bouchard's collection.

aa. England.

bb—ii. Europe. From M. Becker's collection.

jj, kk. Germany. From M. Heminghoffen's collection.

Genus 3. *PANDEMIS*.

Pandemis, Hb.

1. *PANDEMIS CORYLANA*.

Corylana, F.—textana, Hb.

a—i. England. From Mr. Stephens' collection.

j—o. England.

p, q. Europe. From M. Becker's collection.

r—v. ——— ?

2. PANDEMIS CHONDRILLANA.

chondrillana, H.-S.

3. PANDEMIS RIBEANA.

ribeana, Hb.—grossulariana, St.

a—cc. England. From Mr. Stephens's collection.

dd—oo. England.

pp—rr. Europe. From M. Becker's collection.

4. PANDEMIS CERASANA.

cerasana, Hb.—avellana, Froel.

5. PANDEMIS CINNAMOMEANA.

cinnamomeana, Tr.—croceana, Froel.

a—c. England. From Mr. Stephens' collection.

d, e. England. Presented by W. W. Walcott, Esq.

f. England. Presented by B. Piffard, Esq.

g—l. England. From Mr. Meek's collection.

6. PANDEMIS HEPARANA.

heparana, W. V.—pandana, Schr.—carpiniana, Hb.—Pasquayana, Froel.

a—r. England. From Mr. Stephens' collection.

s—y. England.

z—aa. Europe. From M. Becker's collection.

7. PANDEMIS VULPISANA.

vulpisana, H.-S.

8. PANDEMIS DUMETANA.

dumetana, Tr.—cratægana, Frr.

a. England. From Mr. Stephens' collection.

Genus 4. CACOECIA.

Cacoecia, *Hb.*—Philodone, *Hb.*—Lozotænia, *St.*

1. CACOECIA PICEANA.

piceana, *L.*—oporana, *L.*—Hermanniana, *W. V.*—xylostearia, *Hb.*
dissimilana, *Bent.*

a—n. England. From Mr. Stephens' collection.

o—t. England. From Mr. Stevens' collection.

v. England. From Mr. Foxcroft's collection.

u—y. England. From Mr. Bouchard's collection.

z. England. Presented by E. Shepherd, Esq.

aa—gg. England.

2. CACOECIA PODANA.

podana, *Sc.*—fulvana, *W. V.*—pyrastrana, *Hb.*—gerningana, *Hw.*
congenerana, *Hb.*—oporana, *Hw.*—rosana, *Froel.*—ameriana,
Tr.—fuscana, *St.*

a—m. England. From Mr. Stephens' collection.

n—r. England.

s—v. Europe. From M. Becker's collection.

3. CACOECIA TESTACEANA.

testaceana, *Ev.*

4. CACOECIA DECRETANA.

decretana, *Tr.*

5. CACOECIA XYLOSTEANA.

xylostearia, *L.*—characterana, *Hb.*—obliquana, *Hw.*—Westrinana,
Zt.

a—p. England. From Mr. Stephens' collection.

q—u. England.

w, x. Europe. From M. Becker's collection.

6. CACOECIA ROSANA.

rosana, *L.*—lævigana, *W. V.*—variana, *F.*—acerana, *Hb.*—oxycantha,
Hb.—nebulana, *St.*

a—v. England. From Mr. Stephens' collection.

u—z. England. From Mr. Foxcroft's collection.

aa—ff. Ireland. From Mr. Bouchard's collection.
gg—ii. England.
jj—mm. Europe. From M. Becker's collection.
nn. Germany. From M. Heminghoffen's collection.

7. CACOEZIA CRATÆGANA.

cratægana, *Hb.*—*roborana*, *Hb.*—*piceana*, *Froel.*—*xylostean*a, var.
Tr.—*Branderiana*, *St.*

a—f. England. From Mr. Stephens' collection.
g. England.

8. CACOEZIA SORBIANA.

sorbiana, *Hb.*—*avellana*, *Hw.*

a—k. England. From Mr. Stephens' collection.
l—n. England.
o, p. Europe. From M. Becker's collection.

9. CACOEZIA HISTRIONANA.

histrionana, *Froel.*

10. CACOEZIA DUMICOLANA.

dumicolana, *Zl.*

11. CACOEZIA MUSCULANA.

musculana, *Hb.*—*trifasciana*, *Hw.*

a—l. England. From Mr. Stephens' collection.
m. England. From Mr. Stevens' collection.
n. England. From Mr. Foxcroft's collection.
o. England. From Mr. Bouchard's collection.
p—v. England.
u—z. Europe. From M. Becker's collection.

12. CACOEZIA UNIFASCIANA.

croceana, *Hw.*—*flavana*, *Dp.*—*unifasciana*, *Dp.*—*productana*, *Zl.*—*obliterana*, *H.-S.*

a—l. England. From Mr. Stephens' collection.
m, n. England. From Mr. Foxcroft's collection.
o—s. England. From Mr. Chant's collection.
t, v. England. From Mr. Meek's collection.
u—x. England.

13. CACOECIA SEMIALBANA.

Modeeriana, *Hw.*—consimilana, *Tr.*—semialbana, *Gn.*

a—i. England. From Mr. Stephens' collection.

j—l. England. From Mr. Bouchard's collection.

m, n. Scotland. From Mr. Stevens' collection.

14. CACOECIA GILVANA.

gilvana, Ev.

15. CACOECIA COSTANA.

costana, F.—*vinculana, Tr.*—*spectrana, Tr.*

a—j. England. From Mr. Stephens' collection.

k, l. England. From Mr. Foxcroft's collection.

m—o. England. From Mr. Chant's collection.

p. England. From Mr. King's collection.

q. England. Presented by F. Bond, Esq.

r—t. England.

16. CACOECIA STRIGANA.

strigana, Hb.—*gnomana, W. V.*—Var. *stamineana, H.-S.*

a, b. Europe. From M. Becker's collection.

c. Germany. From M. Heminghoffen's collection.

Genus 5. BATODES.

Batodes, Gn.—*Ditula, St.*

1. BATODES ANGUSTIORANA.

angustiorana, Hw.—*rotundana, Hw.*—*Dumerilana, Dp.*

a—p. England. From Mr. Stephens' collection.

q—r. England. From Mr. Stevens' collection.

s. England. From Mr. Bouchard's collection.

t—z. England.

2. BATODES RETICULANA.

reticulana, Hb.—*orana, Fr.*

a. England. From Mr. Stephens' collection.

b. England.

c—f. Europe. From M. Becker's collection.

Genus 6. PTYCHOLOMA.

Panoplia, *Hb.*—Ptycholoma, *Lch.*

1. PTYCHOLOMA LECHEANA.

Lecheana, *L.*—obsoletana, *St.*

a—n. England. From Mr. Stephens' collection.

o—q. England. From Mr. Stevens' collection.

r—v. England.

u, w. Europe. From M. Becker's collection.

x. Germany. From M. Heminghoffen's collection.

2. PTYCHOLOMA MAGNIFICANA.

magnificana, *H.-S.*

3. PTYCHOLOMA ÆRIFERANA.

æriferana, *H.-S.*

Genus 7. IDIOGRAPHIS.

Idiographis, *Ld.*

1. IDIOGRAPHIS CENTRANA.

centrana, *H.-S.*

Genus 8. CAPUA.

Capua, *St.*—Teratodes, *Gn.*

1. CAPUA FAVILLACEANA.

favillaceana, *Hb.*—vulgana, *Froel.*—marcidana, *Froel.*—terreana, *Tr.*

a—k. England. From Mr. Stephens' collection.

l, m. England. From Mr. Chant's collection.

n—p. England. From Mr. Bouchard's collection.

Genus 9. CHORISTONEURA.

Choristoneura, *Ld.*

1. CHERISTONEURA DIVERSANA.

diversana, *Hb.*—*acerana*, *Hw.*—*aceriana*, *St.*—*viduana*, *Froel.*—*transitana*, *Gn.*

a—o. England. From Mr. Stephens' collection.

p. England. Presented by F. Bond, Esq.

q—t. England.

v—x. Europe. From M. Becker's collection.

Genus 10. AMPHYSA.

Amphysa, *Ct.*

1. AMPHYSA GERNINGANA.

gerningana, *W. V.*—*pectinana*, *Hb.*

a—k. England. From Mr. Stephens' collection.

l, m. England. From Mr. Foxcroft's collection.

n, o. England.

p, q. Europe. From M. Becker's collection.

2. AMPHYSA PRODROMANA.

prodromana, *Hb.*—*Walkerana*, *Ct.*

a, b. England. From Mr. Stephens' collection.

c. England. From Mr. Bouchard's collection.

Genus 11. ONECTRA.

Onectra, *Gn.*

1. ONECTRA PILLERIANA.

pilleriana, *W. V.*—*pillerana*, *F.*—*vitana*, *F.*—*vitis*, *Bosc.*—*luteolana*, *Hb.*

a—d. England. From Mr. Stevens' collection.

Genus 12. DICHELIA.

Dichelia, *Gn.*

1. DICHELIA ARTIFICANA.

artificana, *H.-S.*

a. Germany. From M. Becker's collection.

2. DICHELIA TREITSCHKEANA.

Treitschkeana, *Tr.*

3. DICHELIA GROTIANA.

grotiana, *F.*—flavana, *Hb.*—Var. ochreana, *St.*

a—m. England. From Mr. Stephens' collection.

n—p. England. Presented by B. Piffard, Esq.

q—v. England.

u, w. Europe. From M. Becker's collection.

4. DICHELIA GNOMANA.

gnomana, *L.*—betulana, *Dn.*

a. Germany. From M. Heminghoffen's collection.

5. DICHELIA SHEPHARDANA.

Shephardana, *St.*

a. England. From Mr. Stephens' collection.

b—g. England. Presented by F. Bond, Esq.

h—j. England. Presented by B. Piffard, Esq.

6. DICHELIA RUBICUNDANA.

rubicundana, *H.-S.*

7. DICHELIA CINERANA.

cinerana, *Ztt.*

Genus 13. TORTRIX.

Tortrix, *L.*—Crœsia, Epagoge, Amelia, Aphelia, Aleimma, *Hb.*—

Argyrotoza, Lozotœnia, *St.*—Clepsis, *Gn.*—Heterognomon, *Ld.*

1. TORTRIX HOLMIANA.

holmiana, *L.*

a—h. England. From Mr. Stephens' collection.

i, j. England. From Mr. Chant's collection.

k, l. England. From Mr. Bouchard's collection.

m—o. England.

- p—s.* Europe. From M. Becker's collection.
t. Germany. From M. Heminghoffen's collection.

2. TORTRIX BIFASCIANA.

- bifasciana*, *Hb.*—*Audouinana*, *Dp.*—*apicalis*, *Hp.* and *Wtw.*
a—f. England. From Mr. Stephens' collection.
g—k. England. Presented by B. Piffard, Esq.
l, m. England. From Mr. Bouchard's collection.
n, o. England. From Mr. Stevens' collection.
p—s. England.

3. TORTRIX CONWAYANA.

- Conwayana*, *F.*—*Hofmanseggana*, *Hb.*—*Spixiana*, *Froel.*—*Hoffmanseggiana*, *Hw.*—*aurantiana*, *St.*
a—l. England. From Mr. Stephens' collection.
m. England. From Mr. Stevens' collection.
n, o. England. From Mr. Chant's collection.
p. England. From Mr. Foxcroft's collection.
q—t. England. From Mr. Bouchard's collection.
v, u. England. Presented by B. Piffard, Esq.
w—z. England.
aa—dd. Europe. From M. Becker's collection.
cc. Germany. From M. Heminghoffen's collection.

4. TORTRIX BERGMANNIANA.

- Bergmanniana*, *L.*—*rosana*, *Hb.*
a—m. England. From Mr. Stephens' collection.
n—p. England. From Mr. Stevens' collection.
q—v. England.
u, w. Europe. From M. Becker's collection.
x, y. Germany. From M. Heminghoffen's collection.

5. TORTRIX LÆFFLINGIANA.

- Læfflingiana*, *L.*—*plumbana*, *Hb.*—*ectypana*, *Hb.*
a—t. England. From Mr. Stephens' collection.
v, w. England. From Mr. Chant's collection.
x, y. England.
z—aa. Europe. From M. Becker's collection.

6. TORTRIX FORSKALEANA.

Forskaeleana, *L.*

a—j. England. From Mr. Stephens' collection.

k, l. England. From Mr. Chant's collection.

m. England. From Mr. Bouchard's collection.

n—v. England.

7. TORTRIX VIRIDANA.

viridana, L.—Var. *Suttneriana, W. V.*—*flavana, St.*

a—j. England. From Mr. Stephens' collection.

k—s. England. From Mr. Chant's collection.

t—w. Europe. From M. Becker's collection.

x. Germany. From M. Heminghoffen's collection.

8. TORTRIX PRONUBANA.

pronubana, Hb.—*ambustana, Hb.*—*Hermineana, Dp.*

9. TORTRIX NEGLECTANA.

neglectana, H.-S.

10. TORTRIX CROCEANA.

croceana, Hb.—*ochreana, var., Dp.*—*cupidinana, Std.*

11. TORTRIX PEROCHREANA.

perochreana, H.-S.

12. TORTRIX FORSTERANA.

Forsterana, F.—*reticulana, Froel.*—*adjunctana, Tr.*—*sineana, Frr.*
laviceana, Dp.

a—k. England. From Mr. Stephens' collection.

l. England. Presented by E. Shepherd, Esq.

m—p. England.

q. Europe. From M. Becker's collection.

r. Germany. From M. Heminghoffen's collection.

13. TORTRIX VIBURNANA.

viburnana, W. V.—*rhombana, W. V.*—*unitana, Hb.*—*galiana, Ct.*
—*brunneana, Ztt.*—*argillaceana, Ztt.*—*pillerana, Hp.* and
Wtw.—Var. *scrophulariana, H.-S.*—*porcana? Ztt.*

a—n. England. From Mr. Stephens' collection.
o—r. England. From Mr. Chaut's collection.
s—aa. England. From Mr. Bouchard's collection.
bb—ee. England. From Mr. Rogers' collection.
ff, gg. England.
hh, ii. Europe. From M. Becker's collection.

14. *TORTRIX RHOMBICANA.*

rhombicana, H.-S.

15. *TORTRIX UNICOLORANA.*

unicolorana, Dp.—asphodelana, H.-S.

16. *TORTRIX FLAVANA.*

flavana, Hb.—viridana, var., Froel.—Var. icterana, Froel.—palleana, Tr.—Var. intermediana, H.-S.

a—i. England. From Mr. Stephens' collection.
j—l. England. Presented by F. Bond, Esq.
m—s. England.

17. *TORTRIX HYERANA.*

Hyerana, Millière.

18. *TORTRIX STIGMATANA.*

stigmatana, Ev.

19. *TORTRIX AMPLANA.*

amplana, Hb.—peramplana, Hb.—chrysitana, Dp.

20. *TORTRIX IMPERFECTANA.*

imperfectana, Ld.

21. *TORTRIX STEINERIANA.*

Steineriana, W. V.—chrysitana, Hb.—Var. lusana, H.-S.—Var. Dohrniana, H.-S.

a, b. Alps. From M. Heminghoffen's collection.

22. *TORTRIX UNIPUNCTANA.*

unipunctana, Tgstr.

23. TORTRIX RUSTICANA.

rusticana, *Tr.*—helvolana, *Hb.*—stramineana, *Ztt.*

a—n. England. From Mr. Stephens' collection.

o, p. Europe. From M. Becker's collection.

24. TORTRIX ROLANDRIANA.

Rolandriana, *L.*—obsoletana, *Ztt.*

25. TORTRIX AEROSANA.

aerosana, *Ld.*

Genus 14. LOPHODERUS.

Lophoderus, *St.*—Eulia, *Hb.*—Cnephasia, *Ct.*

1. LOPHODERUS MINISTRANUS.

ministrana, *L.*—ferrugana, *Hb.*—subfascianus, *St.*

a—q. England. From Mr. Stephens' collection.

r, s. England. From Mr. Stevens' collection.

t. England. From Mr. Foxcroft's collection.

v, u. England. From Mr. King's collection.

w—cc. England.

dd—ee. Europe. From M. Becker's collection.

ff—gg. Germany. From M. Heminghoffen's collection.

2. LOPHODERUS OCHREANUS.

ochreana, *Hb.*

a, b. Europe. From M. Becker's collection.

3. LOPHODERUS HASTIANUS.

hastiana, *W. V.*—torridana, *Ld.*

4. LOPHODERUS FORMOSANUS.

formosana, *Hb.*

5. LOPHODERUS CUPRESSANUS.

cupressana, *Dp.*—? nobiliana, *Std.*

6. LOPHODERUS POLITANUS.

politana, *Hw.*—*pulchellana*, *Hw.*—*sylvana*, *Tr.*—*lepidana*, *Ct.*

a—z. England. From Mr. Stephens' collection.

aa, ee. England. From Mr. Chant's collection.

ff. England. From Mr. Foxcroft's collection.

gg—ii. England. Presented by B. Cooke, Esq.

jj, kk. England.

ll, mm. Europe. From M. Becker's collection.

7. LOPHODERUS CINCTANUS.]

cinctana, *W. V.*—*cretana*, *F.*—*albidana*, *Hb.*

a—c. England. From Mr. Bouchard's collection.

8. LOPHODERUS RIGANUS.

rigana, *Sodoffsky.*—*horridana*, *Hb.*—*modestana*, *Tr.*

Genus 15. ZELOTHERSES.

Zelotherses, *Ld.*

1. ZELOTHERSES ALBOCILIANA.

alboCILIANA, *H.-S.*

Genus 16. SCIAPHILA.

Syndemis, *Ablaba*, *Hb.*—*Sciaphila*, *Tr.*—*Cnephasia*, *Aphelia*, *Ct.*

1. SCIAPHILA OSSEANA.

osseana, *Sep.*—*pratana*, *Hb.*—*quadripunctana*, *Hw.*—*cantiana*, *Ct.*
—*boreana*, *Ztt.*

a—j. England. From Mr. Stephens' collection.

k—o. England. From Mr. Chant's collection.

p—r. Scotland. Presented by Sir C. Lyell.

s—v. Europe. From M. Becker's collection.

2. SCIAPHILA BLANDANA.

blandana, *Ev.*

3. SCIAPHILA GOUANA.

gouana, *L.*—*argentana*, *W. V.*—*magnana*, *Hb.*—*margaritalis*, *Hb.*

4. SCIAPHILA LOEWIANA.

Loewiana, *Zl.*

5. SCIAPHILA STRATANA.

stratana, *Zl.*—Var. insolutana, *H.-S.*—Var. luridalbana, *H.-S.*

6. SCIAPHILA SEGETANA.

segetana, *Zl.*

7. SCIAPHILA FRAGOSANA.

fragosana, *Zl.*

8. SCIAPHILA CANESCANA.

canescana, *Gn.*

9. SCIAPHILA PENZIANA.

Penziana, *Hb.*

a—d. England. From Mr. Stephens' collection.

e, f. England. From Mr. Bouchard's collection.

g. England.

h, i. Europe. From M. Becker's collection.

10. SCIAPHILA STYRIACANA.

styriacana, *H.-S.*

11. SCIAPHILA BELLANA.

bellana, *Ct.*—diurneana, *Gn.*

12. SCIAPHILA OCTOMACULANA.

octomaculana, *Ct.*

a—e. England. From Mr. Stephens' collection.

d—o. England. Presented by F. Bond, Esq.

p—s. Scotland. Presented by H. Colquhoun, Esq.

13. SCIAPHILA ASINANA.

asinana, *Hb.*

14. SCIAPHILA CHRYSANTHEANA.

chrysanthæana, *Dp.*—asinana, *Hw.*

a—d. England. From Mr. Stephens' collection.

e. England. Presented by B. Piffard, Esq.

f—h. England.

15. *SCIAPHILA COMMUNANA*.*communana*, *H.-S.*16. *SCIAPHILA WAHLBOMIANA*.*Wahlbomiana*, *L.*—*Var. alticolana*, *H.-S.**a, b.* Europe. From M. Becker's collection.17. *SCIAPHILA INTERJUNCTANA*.*interjunctana*, *Hw.*—*Virgaureana*, *Tr.**a—j.* England. From Mr. Stephens' collection.*k.* England. From Mr. Stevens' collection.*l—o.* England. From Mr. Chant's collection.*p—r.* England.18. *SCIAPHILA INCERTANA*.*incertana*, *Tr.*19. *SCIAPHILA PUMICANA*.*pumicana*, *Zl.*20. *SCIAPHILA SUBJECTANA*.*logiana*, *Hw.*—*subjectana*, *Gn.**a—x.* England. From Mr. Stephens' collection.*y.* England. From Mr. Bouchard's collection.*z.* England.21. *SCIAPHILA MINORANA*.*minorana*, *H.-S.*—*minusculana*, *Zl.**a—c.* Europe. From M. Becker's collection.22. *SCIAPHILA PASIVANA*.*pasivana*, *Hb.*—*obsoletana*, *St.*—*sinuana*, *Wd.**a—o.* England. From Mr. Stephens' collection.*p, q.* England. From Mr. Stevens' collection.*r—t.* England. From Mr. Bouchard's collection.*v, u.* England.*w, x.* Europe. From M. Becker's collection.23. *SCIAPHILA ABRASANA*.*abrasana*, *Dp.*

24. SCIAPHILA NUBILANA.

nubilana, *Hb.*—glareana, *Froel.*—hybridana, *Dp.*

a—r. England. From Mr. Stephens' collection.

s—y. England.

x—aa. Europe. From M. Becker's collection.

25. SCIAPHILA PERTERANA.

perterana, *Gn.*—conspersana, *Dgl.*

26. SCIAPHILA OXYACANTHANA.

Oxyacanthana, *H.-S.*

27. SCIAPHILA POLICOLANA.

policolana, *Gn.*

28. SCIAPHILA NODULANA.

nodulana, *Mslr.*

Genus 17. DOLOPLOCA.

Doloploca, *Hb.*

1. DOLOPLOCA PUNCTULANA.

punctulana, *W. V.*—Schlemerella, *Hb.*—punctulella, *Tr.*

Genus 18. OLINDIA.

Olindia, *Gn.*—Anisotænia, *St.*

1. OLINDIA ALBULANA.

albulana, *Tr.*—nemorana, *Froel.*—stramentana, *Gn.*

2. OLINDIA HYBRIDANA.

hybridana, *Hb.*—rectifasciana, *Hw.*—aurifasciana, *St.*

a—m. England. From Mr. Stephens' collection.

n, o. England. From Mr. Stevens' collection.

p—r. England. From Mr. Bouchard's collection.

s—z. England.

aa. Europe. From M. Becker's collection.

3. OLINDIA ULMANA.

ulmana, *Hb.*—areolana, *Hb.*—hastiana, *St.*

a—h. England. From Mr. Stephens' collection.

i. England. From Mr. Stevens' collection.

j. England. From Mr. Bouchard's collection.

k—q. Ireland. From Mr. Bouchard's collection.

Genus 19. OPORINIA.

Oporinia, *Hb.*—Cheimatophila, *St.*—Tortricodes, *Gn.*

1. OPORINIA TORTRICELLA.

tortricella, *Hb.*—hyemana, *Hb.*—abietana, *Froel.*—nubilea, *Hw.*

a—o. England. From Mr. Stephens' collection.

p. England. From Mr. Chant's collection.

q, r. England. From Mr. Bouchard's collection.

s—u. England.

Genus 20. SPHALEROPTERA.

Sphaleroptera, *Gn.*

1. SPHALEROPTERA ALPICOLANA.

alpicolana, *Hb.*

2. SPHALEROPTERA LONGANA.

longana, *Hw.*—ictericana, *Hw.*—capillana, *Gn.*

a—p. England. From Mr. Stephens' collection.

q. England. Presented by E. Shepherd, Esq.

r—u. England.

3. SPHALEROPTERA DINIANA.

diniana, *Gn.*

Genus 21. CONCHYLIS.

Euxanthis, Comophila, Phalonia, Chlidonia, Dapsilia, Eugnosta,
Hb.—Conchylis, *Tr.*—Argyrolepia, Eupæcilia, Lozopera, Ar-
gyridia, Xanthosetia, *St.*—Chrosis, *Gn.*

1. CONCHYLIS PARREYSSIANA.

Parreyssiana, *Dp.*—insequana, *Ev.*—Var. hydrargyrana, *Ev.*

2. CONCHYLIS LOCUPLETANA.

locupletana, *Hb.*

3. CONCHYLIS MARGARITANA.

margaritana, *Hb.*

4. CONCHYLIS LATHONIANA.

Lathoniana, *Hb.*

a, b. Europe. From M. Becker's collection.

5. CONCHYLIS HAMANA.

hamana, *L.*—diversana, *Hb.*—trigonana, *Hb.*

a—h. England. From Mr. Stephens' collection.

i—m. England. From Mr. Chant's collection.

n. England. From Mr. Bouchard's collection.

o—s. England.

6. CONCHYLIS INOPIANA.

inopiana, *Hw.*

a—d. England. From Mr. Stephens' collection.

e—h. England. From Mr. Bouchard's collection.

i. England.

7. CONCHYLIS ZOEGANA.

Zoegana, *L.*—ferrugana, *Hw.*

a—j. England. From Mr. Stephens' collection.

k—n. England. From Mr. Chant's collection.

o, p. England. Presented by B. Piffard, Esq.

q—t. England.

v. Europe. From M. Becker's collection.

8. CONCHYLIS FULVANA.

fulvana, *Tr.*

9. CONCHYLIS EXSULANA.

exsulana, *Ld.*

10. CONCHYLIS BAUMANNIANA.

Baumanniana, *W. V.*—Hartmanniana, *Hb.*

a—j. England. From Mr. Stephens' collection.

k—n. England. From Mr. Rogers' collection.

o—v. England.

u. Europe. From M. Becker's collection.

11. CONCHYLIS LUTULENTANA.

lutulentana, *H.-S.*

12. CONCHYLIS AMIANTANA.

amiantana, *Hb.*

a, b. Europe. From M. Becker's collection.

c. Hungary. From M. Heminghoffen's collection.

13. CONCHYLIS LIMBATANA.

limbatana, *H.-S.*—purana, *Gn.*

14. CONCHYLIS INCRETANA.

incretana, *Ld.*

15. CONCHYLIS CULTANA.

cultana, *Ld.*

16. CONCHYLIS ZEBRANA.

zebrana, *Hb.*

a. Europe. From M. Becker's collection.

b. Germany. From M. Heminghoffen's collection.

17. CONCHYLIS DIPOLTELLA.

dipoltella, *Hb.*—dipoltana, *Tr.*—zebrana, *Dp.*

a—g. England. From Mr. Stephens' collection.

h—v. England. From Mr. Bouchard's collection.

u—w. England. From Mr. Foxcroft's collection.

x—z. England. From Mr. Chant's collection.

aa, bb. Europe. From M. Becker's collection.
cc, dd. Germany. From M. Heminghoffen's collection.

18. *CONCHYLIS PERFUSANA.*

perfusana, H.-S.

19. *CONCHYLIS CALLOSANA.*

callosana, H.-S.

20. *CONCHYLIS SIMONIANA.*

Simoniana, Std.

21. *CONCHYLIS PURGATANA.*

purgatana, Tr.

22. *CONCHYLIS MACULOSANA.*

maculosana, Hw.

a—j. England. From Mr. Stephens' collection.
k—n. England. From Mr. Stevens' collection.
o—s. England. From Mr. Bouchard's collection.
t—w. England.

23. *CONCHYLIS SODALIANA.*

sodaliana, Hw.

a. England. From Mr. Stephens' collection.

24. *CONCHYLIS SCHREIBERSIANA.*

Schreibersiana, Froel.—lediana, W. V.

a, b. Germany. From M. Heminghoffen's collection.

25. *CONCYLIS GRISEANA.*

griseana, Hw.—udana, Gn.

a—o. England. From Mr. Stephens' collection.

26. *CONCHYLIS PONTANA.*

pontana, Std.

27. *CONCHYLIS REVERSANA.*

reversana, Std.

28. *CONCHYLIS CURVISTRIGANA.**curvistrigana*, *Wilk.*29. *CONCHYLIS AFFINITANA.**affinitana*, *Dgl.**a.* England. From Mr. Stephens' collection.*b—i.* England. From Mr. Bouchard's collection.30. *CONCHYLIS VECTISANA.**vectisana*, *Hp. and Wtw.**a.* England.31. *CONCHYLIS CRUENTANA.**cruentana*, *Froel.*—*angustana*, *Tr.**a—j.* England. From Mr. Stephens' collection.*k—o.* England. From Mr. Stevens' collection.*p, q.* England. From Mr. Bouchard's collection.*r—u.* England. From Mr. Chant's collection.*w—y.* England.32. *CONCHYLIS VENUSTANA.**venustana*, *Schlgr.*—*Schlaegeriana*, *Ld.*33. *CONCHYLIS SANGUISORBANA.**sanguisorbana*, *H.-S.*34. *CONCHYLIS AMBIGUELLA.**ambiguella*, *Hb.*—*Roserana*, *Froel.**a.* England. From Mr. Stephens' collection.*b, c.* England.*d—g.* Europe. From M. Becker's collection.*h.* Germany. From M. Heminghoffen's collection.35. *CONCHYLIS STRAMINEA.**straminea*, *Hw.*—*Tischerana*, *Tr.*—*sudana*, *Dp.**a—k.* England. From Mr. Stephens' collection.*l—s.* England. From Mr. Chant's collection.*t, v.* England.*u.* Europe. From M. Becker's collection.

36. CONCHYLIS FARINOSANA.

farinosana, *H.-S.*

37. CONCHYLIS GIGANTANA.

gigantana, *Gn.*—alternana, *St.**a—h.* England. From Mr. Stephens' collection.*i—k.* England. From Mr. Bouchard's collection.*l—o.* England. Presented by W. W. Walcott, Esq.*p, q.* England.

38. CONCHYLIS HILARANA.

hilarana, *H.-S.*

39. CONCHYLIS JUCUNDANA.

jucundana, *Tr.*

40. CONCHYLIS PENTACTINANA.

pentactinana, *Mn.*

41. CONCHYLIS CHAMOMILLANA.

Chamomillana, *H.-S.*

42. CONCHYLIS ELONGANA.

elongana, *Fr.*

43. CONCHYLIS IMPURANA.

impurana, *Mn.*

44. CONCHYLIS FAVILLANA.

favillana, *Std.*

45. CONCHYLIS RHODOPHANA.

rhodophana, *H.-S.*

46. CONCHYLIS ZEPHYRANA.

zephyrana, *Tr.*—Var. margorotana, *Dp.*—Var. scabidulana, *Ld.*—
 Var.? maritimana, *Gn.*—Var.? dubrisana, *Ct.*—marmoratana,
Ct.—luteolana, *St.*—Var.? meridana, *Std.*

a. England. From Mr. Stephens' collection.*b—d.* England. From Mr. Chant's collection.*e—m.* England. From Mr. Bouchard's collection.*n.* England.*o, p.* Europe. From Mr. Becker's collection.

47. CONCHYLIS ÆNEANA.

æneana, *Hb.*

a—o. England. From Mr. Stephens' collection.

p—w. England. From Mr. Stevens' collection.

x. England.

48. CONCHYLIS SANGUINANA.

sanguinana, *Tr.*—Baumanniana, *Hb.*—flagellana, *H.-S.*

49. CONCHYLIS RUTILANA.

rutilana, *Hb.*—sanguinella, *Hw.*

a—p. England. From Mr. Stephens' collection.

q—z. England. From Mr. Bouchard's collection.

aa. England.

50. CONCHYLIS AUROFASCIANA.

aurofasciana, *Mn.*—valdensiana, *H.-S.*

51. CONCHYLIS KUHLEWEINIANA.

Kuhlweiniana, *Fr.*—triangulana, *Tr.*—tergana, *Ev.*

52. CONCHYLIS DECIMANA.

decimana, *W. V.*—allionana, *F.*

53. CONCHYLIS TESSERANA.

tesserana, *W. V.*—Heiseana, *F.*—Groendaliana, *Thnb.*—tesselana, *Hb.*—decimana, *St.*

a—n. England. From Mr. Stephens' collection.

o. England. From Mr. Stevens' collection.

p—t. England. From Mr. Bouchard's collection.

v, u. England. Presented by E. Shepherd, Esq.

w. England.

x—aa. Europe. From M. Becker's collection.

54. CONCHYLIS BADIANA.

badiana, *Hb.*—rubigana, *Tr.*—Smeathmanniana, *Hw.*—cnicana, *Db.*

a—o. England. From Mr. Stephens' collection.
p—y. England. From Mr. Chant's collection.
z. England. From Mr. Bouchard's collection.
aa—cc. England. From Mr. King's collection.
dd, ee. England. Presented by B. Piffard, Esq.

55. *CONCHYLIS DEUTSCHIANA.*

Deutschiana, Ztt.

56. *CONCHYLIS ALBIPALPANA.*

albipalpana, Zl.

57. *CONCHYLIS KINDERMANNIANA.*

Kindermanniana, Tr.

58. *CONCHYLIS FRANCILLANA.*

Francillana, F.—flagellana, Dp.

a—c. England. From Mr. Stephens' collection.
d—k. England. From Mr. Bouchard's collection.
l—q. England. From Mr. Rogers' collection.
r—u. England. Presented by B. Piffard, Esq.

59. *CONCHYLIS VICINANA.*

vicinana, Mn.—moribundana, Std.

60. *CONCHYLIS SMEATHMANNIANA.*

Smeathmanniana, F.—Fabriciana, Hb.—Var. stachydana, Schlg.

a—h. England. From Mr. Stephens' collection.
i—p. England. From Mr. Chant's collection.
q, r. England. From Mr. Bouchard's collection.
s, t. England.
v, u. Europe. From M. Becker's collection.
w, x. Germany. From M. Heminghoffen's collection.

61. *CONCHYLIS FLAVIDANA.*

flavidana, Gn.

62. *CONCHYLIS LANGUIDANA.*

languidana, Mn.

63. CONCHYLIS EXTENSANA.

extensana, *Std.*

64. CONCHYLIS RICHTERIANA.

Richteriana, *Fr.*

65. CONCHYLIS HEYDENIANA.

Heydeniana, *H.-S.*

66. CONCHYLIS COERCITANA.

coercitana, *Std.*

67. CONCHYLIS PUDORANA.

pudorana, *Std.*

68. CONCHYLIS IMPLICITANA.

implicitana, *H.-S.*

69. CONCHYLIS CILIELLA.

ciliella, *Hb.*—rubellana, *Hb.*—ruficiliana, *Hw.*—ruficiliella, *St.*

a—d. England. From Mr. Stephens' collection.

e—j. England. From Mr. Rogers' collection.

70. CONCHYLIS ANTHEMIDANA.

anthemidana, *Ct.*

71. COCHYLIS NANA.

nana, *Hw.*—carneana, *Gn.*

a—g. England. From Mr. Stephens' collection.

h—k. England. From Mr. Chant's collection.

l, m. England. From Mr. Stevens' collection.

n. England. From Mr. Foxcroft's collection.

72. CONCHYLIS EPILINANA.

epilinana, *Zl.*

73. CONCHYLIS FLAMMEOLANA.

flammeolana, *Tgstr.*

74. CONCHYLIS PHALERATANA.

phaleratana, *H.-S.*

75. CONCHYLIS FLAVICILIANA.

flaviciliana, *Dbl.*

a. England. From Mr. Stephens' collection.

b, c. England. From Mr. Bouchard's collection.

76. CONCHYLIS CARPOPHILANA.

carpophilana, *Std.*

77. CONCHYLIS ROSEANA.

roseana, *Hw.*—subroseana, *Hw.*—rubellana, *Hw.*—dipsaceana, *Dp.*

a—v. England. From Mr. Stephens' collection.

u—aa. England. From Mr. Chant's collection.

bb, cc. England. Presented by B. Piffard, Esq.

dd—ff. England.

gg, hh. Europe. From M. Becker's collection.

78. CONCHYLIS ROSEOFASCIANA.

roseofasciana, *Mn.*

79. CONCHYLIS OSTRINANA.

ostrinana, *Gn.*

80. CONCHYLIS PURPURATANA.

purpuratana, *H.-S.*

81. CONCHYLIS CONTRACTANA.

contractana, *Zl.*

82. CONCHYLIS DEFESSANA.

defessana, *Mn.*

83. CONCHYLIS RUPICOLA.

rupicola, *Ct.*—marginana, *St.*—humidana, *H.-S.*

a—g. England. From Mr. Stephens' collection.

h—j. England. From Mr. Bouchard's collection.

84. CONCHYLIS CANCELLANA.
cancellana, *Zl.*

85. CONCHYLIS MUSSEHLIANA.
Mussehliana, *Tr.*
a, b. Europe. From M. Becker's collection.

86. CONCHYLIS GEYERIANA.
Geyeriana, *H.-S.*

87. CONCHYLIS MANNIANA.
Manniana, *Fr.*

88. CONCHYLIS NOTULANA.
notulana, *Zl.*
a. England. From Mr. Stephens' collection.
b. England. From Mr. Bouchard's collection.

89. CONCHYLIS GILVICOMANA.
gilvicomana, *Zl.*—flavicapulana, *H.-S.*

90. CONCHYLIS PUMILANA.
pumilana, *H.-S.*—ambiguana, *Froel.*—pallidana, *H.-S.*

91. CONCHYLIS HYBRIDELLA.
hybridella, *Hb.*—carduana, *Zl.*—dissolutana, *H.-S.*
a—i. England. From Mr. Stephens' collection.
j. England. From Mr. Stevens' collection.
k. England. From Mr. Bouchard's collection.
l. England.

92. CONCHYLIS FRIGIDANA.
frigidana, *Gn.*

93. CONCHYLIS PALLIDANA.
pallidana, *Zl.*

94. CONCHYLIS POSTERANA.
posterana, *Zl.*—ambiguana, *Tr.*
a, b. Europe. From M. Becker's collection.

95. CONCHYLIS DUBITANA.

dubitana, *Hb.*

a, b. Europe. From M. Becker's collection.

96. CONCHYLIS ATRICAPITANA.

atricapitana, *St.*

a, b. England. From Mr. Bouchard's collection.
c. England.

97. CONCHYLIS MOLLICULANA.

molliculana, *Zl.*

98. CONCHYLIS LUGUBRANA.

lugubrana, *Tr.*

Genus 23. PHTHEOCHROA.

Phtheochroa, *St.*

1. PHTHEOCHROA RUGOSANA.

rugosana, *Hb.*

a—f. England. From Mr. Stephens' collection.
g. England.

2. PHTHEOCHROA DUPONCHELANA.

Duponchelana, *Gn.*—*gloriosana, H.-S.*

3. PHTHEOCHROA AMANDANA.

amandana, *H.-S.*

4. PHTHEOCHROA PULVILLANA.

pulvillana, *H.-S.*

5. PHTHEOCHROA SINGULANA.

singulana, *H.-S.*

Genus 24. PYGOLOPHA.

Pygolopha, *Ld.*

1. PYGOLOPHA TRINACRIANA.

trinacriana, *Ld.*

Genus 25. RETINIA.

Retinia, Gn.—*Evetria*, Hb.

1. RETINIA PINIANA.

piniana, H.-S.

2. RETINIA RUBIGINOSANA.

rubiginosana, H.-S.

3. RETINIA PINIVORANA.

pinivorana, Zl.

a—m. England. From Mr. Stephens' collection.
n. England.

4. RETINIA DUPLANA.

duplana, Hb.—*spadiceana*, Dp.

a. Scotland. Presented by E. Shepherd, Esq.

5. RETINIA SCIURANA.

sciurana, Tgstr.

6. RETINIA SYLVESTRANA.

sylvestrana, Ct.

a. England. From Mr. Stephens' collection.

b—l. England. From Mr. Bouchard's collection.

m. England. Presented by J. C. Dale, Esq.

7. RETINIA POSTICANA.

posticana, Ztt.

8. RETINIA TURIONANA.

turionana, Hb.

a—g. England. From Mr. Bouchard's collection.

h. Germany. From M. Heminghoffen's collection.

9. RETINIA BUOLIANA.

buoliana, W. V.—*turionana*, H. W.—*gemmana*, Hb.—Var. *thurificana*, Ld.—Var. *pinicolana*, Dbl.—*turionella*, Ct.—*concinna*, St.

- a—r.* England. From Mr. Stephens' collection.
s, t. England. From Mr. Bouchard's collection.
v. England.
u. Europe. From M. Becker's collection.

Var. *pinicolana*.

- a—o.* England. From Mr. Stephens' collection.
p. England. From Mr. King's collection.
q—s. England.

10. *RETINIA MARGAROTANA*.

margarotana, *H.-S.*

11. *RETINIA RESINELLA*.

resinella, *L.*—*resinana*, *F.*

- a—i.* England. From Mr. Stephens' collection.
j, k. Scotland. Presented by E. Shepherd, Esq.
l—n. England. From Mr. Bouchard's collection.

Genus 26. *PENTHINA*.

Eucosmia, *Argyroplace*, *Apatormis*, *Limma*, *Phlaris*, *Celypha*,
Episagma, *Hb.*—*Penthina*, *Sericoris*, *Tr.*—*Brachytænia*,
Antithesia, *Roxana*, *Euchromia*, *St.*—*Mixodia*, *Gn.*

1. *PENTHINA SALICELLA*.

salicella, *L.*—*salicana*, *W. V.*

- a—j.* England. From Mr. Stephens' collection.
k—o. England. From Mr. Stevens' collection.
p—s. England.
t. Europe. From M. Becker's collection.
v, u. Germany. From M. Heminghoffen's collection.

2. *PENTHINA INUNDANA*.

inundana, *W. V.*

3. *PENTHINA HARTMANNIANA*.

Hartmanniana, *L.*—*linearia*, *W. V.*—*scriptana*, *Hb.*

- a—f.* England. From Mr. Stephens' collection.
g—i. England. From Mr. Stevens' collection.

j—l. England. From Mr. Meek's collection.

m—p. England.

q, r. Europe. From M. Becker's collection.

4. PENTHINA SEMIFASCIANA.

semifasciana, Hw.—acutana, Frr.—elutana, Dp.

a—j. England. From Mr. Stephens' collection.

k—o. England.

p, q. Germany. From M. Heminghoffen's collection.

5. PENTHINA CORTICANA.

corticana, Hb.—capreana, Hb.—picana, Froel.

a—i. England. From Mr. Stephens' collection.

j. England. From Mr. Foxcroft's collection.

k, l. England. Presented by B. Piffard, Esq.

m. England.

n—q. Europe. From M. Becker's collection.

6. PENTHINA BETULÆTANA.

Betulætana, Hw.—capræana, Dp.—sororculana, Ztt.—leucomelana, Gn.

a—i. England. From Mr. Stephens' collection.

j. England. From Mr. Stevens' collection.

k, l. England. From Mr. Foxcroft's collection.

m, n England. From Mr. Bouchard's collection.

o—t. England.

v. Italy. From Dr. Leach's collection.

7. PENTHINA VARIEGANA.

variegana, Hb.—pæcilana, Froel.

8. PENTHINA PRÆLONGANA.

prælongana, Gn.

a—d. England. From Mr. Stephens' collection.

e. England. From Mr. Foxcroft's collection.

f, g. England. From Mr. Bouchard's collection.

h. England.

9. PENTHINA PRUNIANA.

pruniana, *Hb.*—Var. *pruneticolana*, *Zl.*

a—n. England. From Mr. Stephens' collection.
o—r. England. From Mr. Stevens' collection.
s—u. England. From Mr. Chant's collection.
w, x. England.
y—bb. Europe. From M. Becker's collection.
cc. Germany. From M. Heminghoffen's collection.

10. PENTHINA MÆSTANA.

mæstana, *Wlck.*

11. PENTHINA OCHROLEUCANA.

ochroleucana, *Hb.*—*gentianana*, *Dp.*—*tripunctana*, *Wd.*

a—k. England. From Mr. Stephens' collection.
l, m. England. From Mr. Foxcroft's collection.
n, o. England.

12. PENTHINA DIMIDIANA.

dimidiana, *Sdfky.*—*ochromelana*, *Gn.*

13. PENTHINA SAUCIANA.

sauciana, *Hb.*—*atropunctana*, *Ztt.*

a. England. From Mr. Stephens' collection.

14. PENTHINA SCITULANA.

scitulana, *Ld.*

15. PENTHINA GREVILLANA.

Grevillana, *Ct.*

16. PENTHINA SELLANA.

sellana, *Hb.*—*Gentianana*, var., *Tr.*—*pullana*, *St.*

a. Europe. From M. Becker's collection.

17. PENTHINA SORORIANA.

sororiana, *H.-S.*

18. PENTHINA OBLONGANA.

oblongana, *Hw.*—margaritana, *Hw.*—sauciana, *Dp.*—sellana, *Gn.*

a—e. England. From Mr. Stephens' collection.

f—n. England. From Mr. Bouchard's collection.

o, p. England.

19. PENTHINA USTULANA.

ustulana, *Hw.*—carbonana? *Dbl.*

a—e. England. From Mr. Stephens' collection.

d—f. England. From Mr. Bouchard's collection.

g. England. Presented by B. Piffard, Esq.

20. PENTHINA GENTIANANA.

gentianana, *Hb.*

a—h. England. From Mr. Stephens' collection.

i—n. England. From Mr. Stevens' collection.

o, p. England. Presented by F. Bond, Esq.

q, r. England. Presented by B. Piffard, Esq.

s. England.

t, v. Europe. From M. Becker's collection.

u. Germany. From M. Heminghoffen's collection.

21. PENTHINA LAPIDEANA.

lapideana, *H.-S.*

22. PENTHINA NORICANA.

noricana, *H.-S.*

23. PENTHINA POSTREMANA.

postrema, *Zl.*—Heydeniana, *H.-S.*

24. PENTHINA SCHREBERIANA.

Schreberiana, *L.*

25. PENTHINA ROSEOMACULANA.

roseomaculana, *H.-S.*

26. PENTHINA LEDIANA.

Lediana, *L.*—Westwoodiana, *Ztt.*—Lienigana, *Zl.*—Dalecarliana, *Gn.*

27. PENTHINA PYROLANA.

pyrolana, *Wck.*

28. PENTHINA BICINCTANA.

bicinctana, *Tgstr.*

29. PENTHINA MYGINDANA.

Mygindana, *W. V.*—flammeana, *Hb.*—fulvipunctana, *Hw.*—formosana, *Ct.*—undulana, *Sdfky.*

a--g. England. From Mr. Stephens' collection.

h. England.

30. PENTHINA ARBUTELLA.

arbutella, *L.*—arbutana, *Hb.*

a--e. England. From Mr. Stephens' collection.

f--k. England. From Mr. Bouchard's collection.

31. PENTHINA RUFANA.

rufana, *Sc.*—rosetana, *Hb.*—Var. purpurana, *Hw.*—pudorana, *Froel.*
rosaceana, *Schlg.*—erythrana, *Tgstr.*

a--d. England. From Mr. Stephens' collection.

e. England. From Mr. Bouchard's collection.

f. England.

32. PENTHINA BOISDUVALIANA.

Boisduvaliana, *Dp.*

33. PENTHINA ARCUANA.

arcuana, *Clk.*—Lambergiana, *Sc.*

a--e. England. From Mr. Stephens' collection.

d. England. From Mr. Foxcroft's collection.

e--i. England. From Mr. Bouchard's collection.

j. England. From Mr. King's collection.

k--p. England. From Mr. Meek's collection.

q--v. England.

- u, w.* Europe. From M. Becker's collection.
x. Germany. From M. Heminghoffen's collection.

34. PENTHINA METALLIFERANA.

metalliferana, H.-S.—metallicana, Dp.

- a, b.* Europe. From M. Becker's collection.
c. Germany. From M. Heminghoffen's collection.

35. PENTHINA SIDERANA.

Siderana, Tr.

36. PENTHINA ASTRANA.

astrana, Gn.

37. PENTHINA PENTHINANA.

penthinana, Gn.

- a.* England. From Mr. Bouchard's collection.

38. PENTHINA BRANDERIANA.

Branderiana, L.—fuscana, Cl.—maurana, Hb.—plebeiana, Froel.—
viduana, Dp.—Donzelana, Gn.

- a—i.* England. From Mr. Stephens' collection.
j, k. England.

39. PENTHINA STRIANA.

striana, W. V.—rusticana, Hb.—fasciolana, Hb.—fasciana, Hw.

- a—j.* England. From Mr. Stephens' collection.
k, l. England. From Mr. Chant's collection.
m. England. From Mr. Stevens' collection.
n—p. England.
q, r. Europe. From M. Becker's collection.

40. PENTHINA CAPREOLANA.

capreolana, H.-S.

41. PENTHINA SUDETANA.

sudetana. Sdtf.

42. PENTHINA IRRIGUANA.

irriguana, H.-S.

43. PENTHINA STIBIANA.

stibiana, *Gn.*—micana, *Tr.*

44. PENTHINA METALLICANA.

metallicana, *Hb.*—metallana, *Froel.*—nebulosana, *Ztt.*

45. PENTHINA OLIVANA.

olivana, *Tr.*—micana? *Froel.*—pinetana, *Hw.*—Haworthana, *St.*
a, b. Europe. From M. Becker's collection.

46. PENTHINA DALEANA.

Daleana, *Dbl.*—alternana, *Ct.*

47. PENTHINA PALUSTRANA.

palustrana, *Zl.*—cespitana, *Ct.*—disertana, *H.-S.*

a—f. England. From Mr. Stephens' collection.

g—m. England. From Mr. Bouchard's collection.

48. PENTHINA TURFOSANA.

turfosana, *H.-S.*

49. PENTHINA CONCRETANA.

concretana, *Wck.*

50. PENTHINA RIVULANA.

rivulana, *Sc.*—rivellana, *F.*—conchana, *Hb.*

a—h. England. From Mr. Stephens' collection.

i, j. England. From Mr. Chant's collection.

k—p. England. From Mr. Bouchard's collection.

q—t. England.

v—z. Europe. From M. Becker's collection.

aa, bb. Germany. From M. Heminghoffen's collection.

51. PENTHINA UMBROSANA.

umbrosana, *Zl.*

a, b. Germany. From M. Heminghoffen's collection.

52. PENTHINA URTICANA.

urticana, *Hb.*—undana, *Froel.*—æmulana, *Hb.*

a—j. England. From Mr. Stephens' collection.

k. England. From Mr. Stevens' collection.

l—o. England. From Mr. Chant's collection.

p, q. England. From Mr. Bouchard's collection.

r. Scotland. From Mr. Foxcroft's collection.

s—v. England.

u, w. Europe. From M. Becker's collection.

x. Germany. From M. Heminghoffen's collection.

53. PENTHINA LACUNANA.

lacunana, *W. V.*—micana, *Hw.*—decussana, *Ztt.*

a—g. England. From Mr. Stephens' collection.

h—k. England. From Mr. Chant's collection.

l—n. England. From Mr. Foxcroft's collection.

o, p. England. From Mr. Bouchard's collection.

q—x. England.

y—aa. Germany. From M. Heminghoffen's collection.

Var. micana.

a—e. England. From Mr. Stephens' collection.

d—g. Ireland. From Mr. Bouchard's collection.

54. PENTHINA RUPESTRANA.

rupestrana, *Dp.*

55. PENTHINA HERBANA.

herbana, *A. S. F.*

a—c. England. From Mr. Stephens' collection.

d. England. From Mr. Bouchard's collection.

56. PENTHINA BIFASCIANA.

bifasciana, *Hw.*—decrepitana, *H.-S.*

57. PENTHINA CESPITANA.

cespitana, *Hb.*—gramineana, *Ct.*

a—h. England. From Mr. Stephens' collection.

i—l. England. From Mr. Bouchard's collection.

58. PENTHINA FLAVIPALPANA.

flavipalpana, *H.-S.*

59. PENTHINA LUCIVAGANA.

lucivagana, *Zl.*—lucana, *Gn.*

60. PENTHINA BIPUNCTANA.

bipunctana, *F.*

61. PENTHINA GLACIANA.

glaciana, *Mslr.*

62. PENTHINA TENERANA.

tenerana, *Schl.*—infirmiana, *Ld.*

63. PENTHINA TIEDEMANNIANA.

Tiedemanniana, *Zl.*

64. PENTHINA CHARPENTIERANA.

Charpentierana, *Hb.*

a, b. Europe. From M. Becker's collection.

c. Germany. From M. Heminghoffen's collection.

65. PENTHINA GIGANTANA.

gigantana, *H.-S.*—fulgidana, *Gn.*—textana, *Dp.*

66. PENTHINA FURFURANA.

furfurana, *Hw.*—fuscana, *Hp.* and *Wtw.*—Schæfferana, *H.-S.*

a—e. England. From Mr. Stephens' collection.

f—h. Scotland. From Mr. Foxcroft's collection.

i, j. Ireland. From Mr. Bouchard's collection.

k, l. England.

67. PENTHINA SCHULZIANA.

Schulziana, *F.*—pinetana, *Hb.*—Ahrensiana, *Hb.*—Bentleyana,
Dn.—Zinckenana, *Froel.*

- a—m.* England. From Mr. Stephens' collection.
n—p. England. From Mr. Bouchard's collection.
q—t. Scotland. From Mr. Foxcroft's collection.
v. England. From Mr. Stevens' collection.
u—ee. Scotland. From Mr. Stevens' collection.
ff, gg. Scotland. Presented by E. Shepherd, Esq.
hh. England.
ii, jj. Europe. From M. Becker's collection.

68. PENTHINA HERCYNIANA.

Hercyniana, *Tr.*—Clausthaliana? *Ratz.*

- a—f.* England. From Mr. Stephens' collection.
g—j. England. From Mr. Foxcroft's collection.
k—n. England. From Mr. Bouchard's collection.
o. England. From Mr. King's collection.
p—v. Scotland. From Mr. Stevens' collection.
u—x. England.
y, z. Europe. From M. Becker's collection.

69. PENTHINA SCHMIDTIANA.

Schmidtiana, *H.-S.*

70. PENTHINA FULIGANA.

fuligana, *Hb.*

- a, b.* England. From Mr. Stephens' collection.

71. PENTHINA NIGRICOSTANA.

nigricostana, *Hw*—squalidana, *H.-S.*—Remyana, *H.-S.*

- a—h.* England. From Mr. Stephens' collection.
i—l. England.

72. PENTHINA EUPHORBIANA.

Euphorbiana, *Fr.*

Genus 27. CYMOLOMIA.

Cymolomia, *Ld.*

1. CYMOLOMIA HARTIGIANA.

Hartigiana, *Rtz.*

Genus 28. ECCOPSIS.

Eccopsis, *Zl.*

1. ECCOPSIS LATIFASCIANA.

latifasciana, *Hw.*—aurofasciana, *St.*—Dormoyana, *Dp.*—venustana, *Hb.*—grapholithana, *Gn.**a, b.* England. From Mr. Stephens' collection.*c—f.* England.*g, h.* England. Presented by B. Piffard, Esq.Genus 29. LOBESIA, *Gn.*Lobesia, *Gn.*

1. LOBESIA BOTRANA.

botrana, *W. V.*—reliquana, *Tr.**a—k.* England. From Mr. Stephens' collection.*l.* England. From Mr. Foxcroft's collection.*m, n.* England. Presented by B. Piffard, Esq.*o—t.* England.

2. LOBESIA PERMIXTANA.

permixtana, *Hb.*—reliquana, *Hb.*—Fischerana, *Tr.*

3. LOBESIA LUGDUNANA.

lugdunana, *Gn.*

4. LOBESIA GUENEANA.

Gueneana, *Dp.*

5. LOBESIA ARTEMISIANA.

Artemisiana, *Zl.*—trifasciana, *H.-S.*

6. LOBESIA LITTORALIS.

littoralis, *Ct.*—dubitana, *Wd.*—venustana, *Dgl.*—hibernana, *Std.**a—e.* England. From Mr. Stephens' collection.*f.* England. From Mr. Bouchard's collection.*g.* England. Presented by E. Shepherd, Esq.

7. LOBESIA ANDERREGGIANA.

Anderreggiana, *H.-S.*

8. LOBESIA FULIGANA.

fuligana, *Hw.*—abscissana, *Gn.*

a, b. England. From Mr. Stevens' collection.

c. Europe. From M. Becker's collection.

9. LOBESIA PORRECTANA.

porrectana, *Zl.*

10. LOBESIA INDUSIANA.

indusiana, *Zl.*

11. LOBESIA QUAGGANA.

quaggana, *Mn.*

Genus 30. ACROCLITA.

Acroclita, *Ld.*

1. ACROCLITA CONSEQUANA.

consequana, *H.-S.*—subsequana, *H.-S.*—arctana, *Std.*

Genus 31. PETALEA.

Petalea, *Gn.*

1. PETALEA KLUGIANA.

Klugiana, *Frr.*

2. PETALIA FESTIVANA.

festivana, *Hb.*

Genus 32. PÆDISCA.

Pædisca, *Coccyx*, *Tr.*—Notocelia, *Epiblema*, *Astatia*, *Hb.*—*Spilonota*, *Lithographia*, *Halonota*, *St.*—*Pardia*, *Phæodes*, *Catoptria*, *Cartella*, *Gn.*

1. PÆDISCA INFIDANA.

infidana, *Hb.*—Var. *umbraculana*, *Ev.*

2. *PÆDISCA RADIOLANA.*radiolana, *Ev.*3. *PÆDISCA HUEBNERIANA.*Huebneriana, *Zl.*4. *PÆDISCA AGRESTANA.*agrestana, *Tr.*—fultana, *Zl.*5. *PÆDISCA ALBUNEANA.*albuneana, *Zl.*6. *PÆDISCA LACTEANA.*lacteana, *Tr.*

a. England. From Mr. Stephens' collection.

7. *PÆDISCA ALBIDULANA.*albidulana, *H.-S.*8. *PÆDISCA HORNIGIANA.*Hornigiana, *Ld.*9. *PÆDISCA FERVIDANA.*fervidana, *Zl.*10. *PÆDISCA OBUMBRATANA.*obumbratana, *Zl.*11. *PÆDISCA IBICEANA.*ibiceana, *H.-S.*12. *PÆDISCA HOHENWARTIANA.*Hohenwartiana, *W. V.*—monetulana, *Hb.*—fulvana, *St.*—Var. pupillana, *Hb.*—cana, *Hw.*—jaceana, *H.-S.*

a—k. England. From Mr. Stephens' collection.

l—m. England. From Mr. Chant's collection.

n—t. England.

Var. pupillana.

a—f. England. From Mr. Stephens' collection.

g—i. England.

13. *PÆDISCA LATIORANA.*

latiorana, *H.-S.*—*æmulana*, *Schlg. Ber.*

a—n. England. From Mr. Bouchard's collection.

14. *PÆDISCA CÆCIMACULANA.*

cæcimaculana, *Hb.*—*Kollariana*, *H.-S.*

a. England. From Mr. Stephens' collection.

b—e. England. From Mr. Bouchard's collection.

f. England.

15. *PÆDISCA EXPALLIDANA.*

expallidana, *Hw.*—*rufana*, *St.*—*Westwoodiana*, *Gn.*

a—c. England. From Mr. Stephens' collection.

d. England. From Mr. Bouchard's collection.

e, f. England.

16. *PÆDISCA CUMULANA.*

cumulana, *Gn.*

17. *PÆDISCA DECOLORANA.*

decolorana, *Frr.*

18. *PÆDISCA MODICANA.*

modicana, *Zl.*—*modestana*, *H.-S.*

19. *PÆDISCA HEPATICANA.*

hepaticana, *Tr.*—*Var. confusana*, *H.-S.*

20. *PÆDISCA HEPATARIANA.*

hepatariana, *H.-S.*

21. *PÆDISCA MOLLITANA.*

mollitana, *Zl.*

22. *PÆDISCA FUSCULANA.*

fusculana, *Zl.*—*crustulana*, *Ld.*

23. *PÆDISCA BINOTATA.*

binotata, *Wck.*—*bimaculana*, *Schlgr.*

a. Germany. From M. Heminghoffen's collection.

24. *PÆDISCA RAVULANA*.ravulana, *H.-S.*25. *PÆDISCA NEMORIVAGA*.nemorivaga, *Tgstr.*26. *PÆDISCA GRAPHANA*.graphana, *Tr.*—*Pierretana*, *Dp.**a, b.* Europe. From M. Becker's collection.27. *PÆDISCA KOCHIANA*.Kochiana, *H.-S.*28. *PÆDISCA NIGRICANA*.nigricana, *H.-S.*29. *PÆDISCA RHODODENDRANA*.rhododendrana, *H.-S.*30. *PÆDISCA COMITANA*.comitana, *W. V.*—*piceana*, *Hb.*—*hercyniana*, *Beckstein.*—*cembrana*, *Hb.**a—c.* England. From Mr. Stephens' collection.31. *PÆDISCA PROXIMANA*.proximana, *H.-S.*32. *PÆDISCA FINITIMANA*.finitimana, *Sta.**a—d.* England. From Mr. Stephens' collection.*e—h.* England. From Mr. Bouchard's collection.33. *PÆDISCA DEMARNIANA*.demarniana, *Fr.*—*nævana*, *St.**a—k.* England. From Mr. Stephens' collection.*l.* England. From Mr. Bouchard's collection.*m—o.* England.34. *PÆDISCA TROCHILANA*.trochilana, *Froel.*—*Coulernana*, *Dp.*—*riseana*, *H.-S.*

35. *PÆDISCA CAMPOLILIANA*.

campoliliana, *W. V.*—*equitana*, *Froel.*—*subocellana*, *Dn.*—*Var. decorana*, *Hw.*—*asseclana*, *St.*

a—k. England. From Mr. Stephens's collection.

l, m. England. From Mr. Foxcroft's collection.

n, o. England. From Mr. Stevens' collection.

p, q. England.

r, s. Europe. From M. Becker's collection.

Var. asseclana.

a, b. England. From Mr. Stephens' collection.

36. *PÆDISCA NISELLA*.

nisella, *L.*—*Bœberana*, *F.*—*pavonana*, *Dn.*—*rhombifasciana*, *Hw.*—*siliceana*, *Hb.*—*petrana*, *Hb.*—*cuspidana*, *Hw.*—*decorana*, *Hw.*—*stictana*, *Hw.*—*cinerana*, *Hw.*—*lepidana*, *Froel.*

a—q. England. From Mr. Stephens' collection.

r—hh. England.

37. *PÆDISCA USTULANA*.

ustulana, *Hb.*

38. *PÆDISCA PENKLERIANA*.

Penkleriana, *W. V.*—*tenerana*, *W. V.*—*tergorana*, *Froel.*—*Roeselana*, *Froel.*—*Mitterpacheriana*, *Tr.*

a—p. England. From Mr. Stephens' collection.

q—u. England. From Mr. Chant's collection.

w—z. England. From Mr. Bouchard's collection.

aa. England. From Mr. Foxcroft's collection.

bb, cc. Europe. From M. Becker's collection.

dd, ee. Germany. From M. Heminghoffen's collection.

39. *PÆDISCA OPHTHALMICANA*.

ophthalmicana, *Hb.*—*ophthalmana*, *Froel.*—*maculana*, *St.*

a—c England. From Mr. Stephens' collection.

d—k. England. From Mr. Bouchard's collection.

l—r. England.

40. PÆDISCA SINUANA.

sinuana, *W. V.*—*trapezana*, *F.*—*parmatana*, *Hb.*—*ratana*, *Hb.*—*Sparmanniana*, *Hw.*—*sylvana*, *Dp.*—*funalana*, *St.*—Var. *semimaculana*, *Hb.*—*semilunana*, *Froel.*—*Solandriana*, *St.*—*parmatana*, *Fr.*

a—ff. England. From Mr. Stephens' collection.

gg. England. From Mr. King's collection.

hh—xx. England.

yy—bbb. Europe. From M. Becker's collection.

ccc. Germany. From M. Heminghoffen's collection.

41. PÆDISCA SCIURANA.

sciurana, *H.-S.*—*divellana*, *Hb.*—Var. *melaleucana*, *Dp.*—*semifuscana*, *Hw.*

42. PÆDISCA SORDIDANA.

sordidana, *Hb.*—*piceana*? *Hw.*

43. PÆDISCA STABILANA.

stabilana, *St.*

44. PÆDISCA BILUNANA.

bilunana, *Hw.*—Var. *cretaceana*, *Froel.*

a—m. England. From Mr. Stephens' collection.

n. England. From Mr. Stevens' collection.

o—w. England.

Var. *cretaceana*.

a—g. England. From Mr. Bouchard's collection.

h—m. England. From Mr. Rogers' collection.

n, o. England. From Mr. Stevens' collection.

p. England. From the Zoological Society's collection.

q—t. England.

45. PÆDISCA TETRAQUETRANA.

tetraquetrana, *Hw.*—*fruletana*, *Hb.*—Var. *angulana*, *Hw.*

a—o. England. From Mr. Stephens' collection.

p, q. England. From Mr. Chant's collection.

r. England. From Mr. Foxcroft's collection.

s—v. England. From Mr. Bouchard's collection.

u. England. From Mr. Stevens' collection.
w, x. England.
y, z. Europe. From M. Becker's collection.

46. PÆDISCA IMMUNDANA.

immundana, Fr.—*triquetrana, Hw.*—*amentana, Rtz.*

a—j. England. From Mr. Stephens' collection.
k, l. England. From Mr. Stevens' collection.
m. England. From Mr. Foxcroft's collection.
n, o. England. From Mr. Bouchard's collection.
p. England.

47. PÆDISCA ESTREYERIANA.

Estreyeriana, Gn.

48. PÆDISCA CRENANA.

crenana, Hb.—*monachana, Fr.*

49. PÆDISCA EXTERNANA.

externana, Ev.

50. PÆDISCA BIMACULANA.

bimaculana, Dn.—*similana, Hb.*—*strœmiana, Hw.*—*dissimilana, Fr.*

a—j. England. From Mr. Stephens' collection.
k. England. From Mr. King's collection.
l. England. From Mr. Foxcroft's collection.
m—t. England.

51. PÆDISCA BISCUTANA.

biscutana, Wck.

52. PÆDISCA THAPSIANA.

thapsiana, Zl.

53. PÆDISCA INCARNATANA.

incarnatana, Hb.—*amœnana, Hb.*

a—g. England. From Mr. Stephens' collection.
h—k. England. Presented by B. Piffard, Esq.
l. England.
m. Germany. From M. Heminghoffen's collection.

54. *PÆDISCA SUFFUSANA*.

suffusana, *Zl.*—trimaculana, *Hw.*—cynosbana, *Dp.*

a—p. England. From Mr. Stephens' collection.

q. England. From Mr. Stevens' collection.

r—t. England. From Mr. Chant's collection.

v—x. England.

55. *PÆDISCA CYNOBASTELLA*.

cynobastella, *L.*—tripunctana, *W. V.*—ocellana, *Hb.*—cynosbana, *Hw.*

a—k. England. From Mr. Stephens' collection.

l—s. England. From Mr. Stevens' collection.

t. England. From Mr. Chant's collection.

v, u. Europe. From M. Becker's collection.

w—aa. Germany. From M. Heminghoffen's collection.

56. *PÆDISCA ROBORANA*.

roborana, *W. V.*—cynosbana, *F.*—aquana, *Hb.*

a—k. England. From Mr. Stephens' collection.

l—n. England. From Mr. Stevens' collection.

o—t. England.

v—u. Europe. From M. Becker's collection.

57. *PÆDISCA SIMILANA*.

similana, *W. V.*—stroëmiana, *Froel.*—asseclana, *Hb.*—scutulana, *Dp.*

58. *PÆDISCA JUNCTANA*.

junctana, *H.-S.*

59. *PÆDISCA MENDICULANA*.

mendiculana, *Tr.*

60. *PÆDISCA SCUTULANA*.

scutulana, *W. V.*—fluidana, *W. V.*—Pflugiana, *Hw.*—stictana, var., *Hw.*—sticticana, *St.*

a—i. England. From Mr. Stephens' collection.

j—p. England. From Mr. Stevens' collection.

q—s. England. From Mr. Foxcroft's collection.
t—u. Europe. From M. Becker's collection.

61. *PÆDISCA NOVANA.*

novana, *Gn.*

62. *PÆDISCA CIRSIANA.*

cirsiana, *Zl.*—*stictana*, var. $\beta.$, *Hw.*—*scutulana*, *Fr.*

a—j. England. From Mr. Stephens' collection.

k. England. From Mr. Bouchard's collection.

l. England.

m, n. Germany. From M. Heminghoffen's collection.

63. *PÆDISCA CNICICOLANA.*

cnicicolana, *Zl.*

64. *PÆDISCA SIMPLONIANA.*

Simploniana, *Dp.*

65. *PÆDISCA TRIGEMINANA.*

trigeminana, *St.*—*argyrana*, *St.*—*pæcilana*, *Gn.*

a—m. England. From Mr. Stephens' collection.

n, o. England. From Mr. Stevens' collection.

p, q. England. From Mr. Foxcroft's collection.

r—u. England. From Mr. Bouchard's collection.

66. *PÆDISCA OBSCURANA.*

obscurana, *H.-S.*

67. *PÆDISCA TETRAGONANA.*

tetragonana, *St.*—*luctuosana*, *Dp.*

a—d. England. From Mr. Stephens' collection.

e. England. From Mr. Bouchard's collection.

f. England.

68. *PÆDISCA SUBLIMANA.*

sblimana, *H.-S.*

69. *PÆDISCA BRUNNICHIANA.*

Brunnichiana, *W. V.*—*rusticana*, *Hw.*—*quadrana*, *St.*

a—k. England. From Mr. Stephens' collection.

- l—n.* England. From Mr. Stevens' collection.
o. England. From Mr. Foxcroft's collection.
p—r. England. From Mr. Chant's collection.
s. England. From Mr. Bouchard's collection.
t, v. England.
u, w. Europe. From M. Becker's collection.
x. Germany. From M. Heminghoffen's collection.
y, z. Italy. From Dr. Leach's collection.

70. *PÆDISCA TURBIDANA.*

turbidana, Tr.—Zelleriana, Schlg.

- a—e.* England. From Mr. Stephens' collection.
f, g. England.
h, i. Europe. From M. Becker's collection.

71. *PÆDISCA FÆNELLA.*

Fænella, L.—Scopoliana, W. V.—Pflugiana, F.—tibialana, Hb.—interrogationana, Dn.—Fæneana, Tr.

- a—j.* England. From Mr. Stephens' collection.
k—p. England. From Mr. Stevens' collection.
q, r. Europe. From M. Becker's collection.
s. Germany. From M. Heminghoffen's collection.

72. *PÆDISCA GRANDÆVANA.*

grandævana, Zl.—tussilagiana, H.-S.

73. *PÆDISCA UDDMANNIANA.*

Uddmanniana, L.—rubiana, Sc.—achatana, Hb.—Solandriana, Tr.

- a—j.* England. From Mr. Stephens' collection.
k—p. England. From Mr. Stevens' collection.
q—s. England.
t, v. Germany. From M. Heminghoffen's collection.

74. *PÆDISCA PIETRUSKII.*

Pietruskii, Nowicki.

Genus 33. *PELOCHRISTA.*

Pelochrista, Ld.

1. PELOCHRISTA MANCIPIANA.

mancipiana, *Mn.*

2. PELOCHRISTA GRISEOLANA.

griseolana, *Zl.*

3. PELOCHRISTA SORDICOMANA.

sordicomana, *Std.*

Genus 34. GRAPHOLITA.

Hedya, Eucelis, Asthenia, Epicharis, Epinotis, Laspeyresia, Eudemis, Acalla, Thiodia, *Hb.*Grapholita, Ancylopera, Bactra, Pœcilochroma, Heusimene, Orthotænia, *St.*Hypermecia, Siderea, Opadia, Stigmonota, Orthotænia, Eriopsela, *Gn.*Calosetia, *Wilk.*

1. GRAPHOLITA MESSINGANA.

Messingana, *Fr.*

2. GRAPHOLITA CITRANA.

citrana, *Hb.**a, b.* England. From Mr. Stephens' collection.*c—n.* England. From Mr. Bouchard's collection.*o.* England. From Mr. Stevens' collection.*p.* England. Presented by S. Stevens, Esq.*q, r.* Europe. From M. Becker's collection.*s.* Germany. From M. Heminghoffen's collection.

3. GRAPHOLITA OBLIQUANA.

obliquana, *Ev.*

4. GRAPHOLITA DISCOPUNCTANA.

discopunctana, *Ev.*

5. GRAPHOLITA ARABESCANNA.

arabescana, *Ev.*

6. GRAPHOLITA METZNERIANA.

Metzneriana, *Tr.*

7. GRAPHOLITA PUPILLANA.

pupillana, *L.*—absinthiana, *Hb.*

a. Europe. From M. Becker's collection.

8. GRAPHOLITA WIMMERANA.

Wimmerana, *Tr.*—maritimana, *Dale.*

a—d. England. From Mr. Stephens' collection.

e. England. From Mr. Bouchard's collection.

f, g. England. From Mr. Foxcroft's collection.

9. GRAPHOLITA PARVULANA.

parvulana, *Wilk.*

10. GRAPHOLITA SCOPOLIANA.

Scopoliana, *Hw.*—Carduana, *Gn.*

a—g. England. From Mr. Stephens' collection.

h, l. England. From Mr. Chant's collection.

m—p. England.

11. GRAPHOLITA INCANA.

incana, *Zl.*

a—c. England. From Mr. Stephens' collection.

d—g. England. From Mr. Bouchard's collection.

h—m. England.

n—p. Germany. From M. Heminghoffen's collection.

12. GRAPHOLITA CONTERMINANA.

conterminana, *H.-S.*

13. GRAPHOLITA ASPEDISCANA.

aspidiscana, *Hb.*—aspidana, *Froel.*—Dahlbomiana, *Ztt.*—nebritana, *H.-S.*

a—d. Europe. From M. Becker's collection.

e. Germany. From M. Heminghoffen's collection.

14. GRAPHOLITA HYPERICANA.

hypericana, *Hb.*

a—j. England. From Mr. Stephens' collection.

k—o. England. From Mr. Bouchard's collection.

p—x. England.

y, z. Europe. From M. Becker's collection.

aa, bb. Germany. From M. Heminghoffen's collection.

15. GRAPHOLITA ALBERSANA.

albersana, *Hb.*—*rhediana*, *Hw.*—*rhediella*, *St.*

a—c. England. From Mr. Stephens' collection.

d—p. England. From Mr. Bouchard's collection.

q—t. England. Presented by B. Piffard, Esq.

v. England.

16. GRAPHOLITA PROXIMANA.

proximana, *Hw.*—*pisana*? *Gn.*

a—c. England. From Mr. Stephens' collection.

17. GRAPHOLITA NEBRITANA.

nebritana, *Tr.*—*nigricana*, *St.*

a—g. England. From Mr. Stephens' collection.

h. England. From Mr. Bouchard's collection.

i—m. England.

18. GRAPHOLITA VICIANA.

viciana, *Gn.*

19. GRAPHOLITA GILVICILIANA.

gilviciliana, *Std.*

20. GRAPHOLITA ROSETICOLANA.

roseticolana, *Zl.*—*tristana*, *Schlg.*

a—h. England. From Mr. Stephens' collection.

i, j. England. From Mr. Stevens' collection.

k, l. England. From Mr. Chant's collection.

21. GRAPHOLITA LERNEANA.

Lerneana, *Tr.*

22. GRAPHOLITA ZEBEANA.

Zebeana, *Ratz.*

23. GRAPHOLITA FUNEBRANA.

funebrana, *Tr.*

a. England. From Mr. Stephens' collection.

24. GRAPHOLITA GEMMIFERANA.

gemmaferana, *Tr.*

25. GRAPHOLITA SUCCEDANA.

succedana, *W.V.*—asseclana, *Hb.*—ulicetana, *Hw.*—lanceolana, *St.*

a—l. England. From Mr. Stephens' collection.

m, n. England. From Mr. Stevens' collection.

o. England. From Mr. Foxcroft's collection.

p. England. From Mr. Bouchard's collection.

q, r. Scotland. From Mr. Stevens' collection.

s. Scotland. Presented by E. Shepherd, Esq.

t—x. England.

y. Germany. From M. Heminghoffen's collection.

26. GRAPHOLITA GALLICANA.

gallicana, *H.-S.*

27. GRAPHOLITA HERRICHIANA.

Herrichiana, *Heinemann.*

28. GRAPHOLITA SERVILLANA.

Servillana, *Dp.*—Paykulliana, *Hp.* and *Wtw.*

a. England. From Mr. Stephens' collection.

b, c. England. From Mr. Bouchard's collection.

29. GRAPHOLITA DELITANA.

delitana, *Fr.*

30. *GRAPHOLITA CONSEQUANA*.*consequana*, *Zl.*31. *GRAPHOLITA MICROGRAMMANA*.*microgrammana*, *H.-S.*32. *GRAPHOLITA PUDICANA*.*pudicana*, *H.-S.*33. *GRAPHOLITA PHARAONANA*.*Pharaonana*, *Klr.*34. *GRAPHOLITA STRABIELLA*.*strabiella*, *L.*—*strobilana*, *Hb.*—*Kollarana*, *Hb.**a—h.* England. From Mr. Stephens' collection.*i—q.* England. From Mr. Foxcroft's collection.*r.* England. From Mr. Bouchard's collection.*s—x.* England. Presented by B. Piffard, Esq.*a, b.* Europe. From M. Becker's collection.*c.* Germany. From M. Heminghoffen's collection.35. *GRAPHOLITA SPLENDIDULANA*.*splendidulana*, *Gn.*—*strobilana*, *Hw.*—*fraternana*, *St.**a—f.* England. From Mr. Stephens' collection.*g.* England. From Mr. Foxcroft's collection.*h—j.* England. From Mr. Bouchard's collection.*k, l.* England.36. *GRAPHOLITA COROLLANA*.*corollana*, *Hb.*37. *GRAPHOLITA SCOPARIANA*.*scopariana*, *H.-S.*—*lathyrana*, *Froel.*—*divitana*, *Froel.*38. *GRAPHOLITA COSMOPHORANA*.*cosmophorana*, *Tr.*—*dalecarliana*, *Ztt.**a, b.* England. From Mr. Stephens' collection.*c—f.* England. From Mr. Bouchard's collection.

39. GRAPHOLITA JUNIPERANA.

juniperana, *Mill.*

40. GRAPHOLITA CONIFERANA.

coniferana, *Ratz.*—separatana, *H.-S.**a, b.* England. Presented by the Rev. O. Fisher.*c—h.* England.

41. GRAPHOLITA ILLUTANA.

illutana, *H.-S.*

42. GRAPHOLITA PINETANA.

pinetana, *Schlg.*

43. GRAPHOLITA PACTOLANA.

pactolana, *Zl.*

44. GRAPHOLITA WOEBERIANA.

Woeberiana, *W. V.*—ornatana, *Hb.**a—l.* England. From Mr. Stephens' collection.*m—o.* England. From Mr. Foxcroft's collection.*p, q.* England. From Mr. Meek's collection.*r—v.* England.*u.* Europe. From M. Becker's collection.

45. GRAPHOLITA TEXTANA.

textana, *Froel.*

46. GRAPHOLITA RUFILLANA.

rufillana, *Sta.**a—c.* England. From Mr. Stephens' collection.*d—k.* England. Presented by B. Piffard, Esq.*l, m.* England.

47. GRAPHOLITA AMYGDALANA.

amygdalana, *Dp.*—Kokeilana, *Frr.*

48. GRAPHOLITA INTERNANA.

internana, *Gn.*

a—d. England. From Mr. Stephens' collection.
e, f. England. Presented by W. W. Walcott, Esq.
g—l. England. Presented by B. Piffard, Esq.
m—t. England. From Mr. Meek's collection.
v, u. England. From Mr. Stevens' collection.
w. England. From Mr. Bouchard's collection.

49. *GRAPHOLITA LIGULANA.*

ligulana, H.-S.

50. *GRAPHOLITA WEIRANA.*

Weirana, Dgl.

a—c. England. From Mr. Stephens' collection.
d, e. England. From Mr. Meek's collection.

51. *GRAPHOLITA NITIDANA.*

nitidana, F.—redimitana, Gn.

a—e. England. From Mr. Stephens' collection.
f—o. England.

52. *GRAPHOLITA COMPOSITELLA.*

compositella, F.—gundiana, Hb.—composana, Hw.—dorsana, Hw.

a—j. England. From Mr. Stephens' collection.
k...m. England. From Mr. Chant's collection.
n—p. England. From Mr. Bouchard's collection.
q—w. England.
x, y. Europe. From M. Becker's collection.
z. Germany. From M. Heminghoffen's collection.

53. *GRAPHOLITA CAPPARIDANA.*

capparidana, Zl.—Leplastriana, H.-S.

54. *GRAPHOLITA LEPLASTRIANA.*

Leplastriana, Ct.—Guerineana, Dp.

a—f. England. From Mr. Stephens' collection.
g—m. England. From Mr. Bouchard's collection.
n. England. Presented by E. Shepherd, Esq.
o—r. England.

55. GRAPHOLITA DUPLICANA.

duplicana, *Ztt.* — geminana, *Ztt.* — interruptana, *Ztt.* — dorsana, *Ratz.*

56. GRAPHOLITA PERLEPIDANA.

perlepidana, *Hw.* — Schrankiana, *Froel.* — Loderana, *Klr.* — dorsana, *Dp.* — lathyra? *Hb.*

a—h. England. From Mr. Stephens' collection.

i. England. From Mr. Foxcroft's collection.

j—m. England.

57. GRAPHOLITA? FACKIANA.

Fackiana, *Schlg.*

58. GRAPHOLITA PALLIFRONTANA.

pallifrontana, *Zl.* — filana, *H.-S.*

59. GRAPHOLITA INCURSANA.

incursana, *H.-S.*

60. GRAPHOLITA FISSANA.

fissana, *Froel.* — dorsana, *Tr.* — divisana, *Dp.* — diffusana, *H.-S.*

61. GRAPHOLITA DISCRETANA.

discretana, *Wck.* — dorsana, *Hb.*

62. GRAPHOLITA INQUINATANA.

inquinatana, *Hb.*

63. GRAPHOLITA LEGUMINANA.

leguminana, *Zl.* — deflexana, *H.-S.*

64. GRAPHOLITA DORSANA.

jungiella, *L.* — dorsana, *F.* — lunulana, *W. V.* — Megerleana, *Froel.*
— jungiana, *Tr.* — concinnana? *St.*

a, b. England. From Mr. Stephens' collection.

c—k. England. From Mr. Bouchard's collection.

l—o. Europe. From M. Becker's collection.

p, q. Germany. From M. Heminghoffen's collection.

65. GRAPHOLITA OROBANA.

orobana, *Tr.*—arcigera, *Tgstr.*

66. GRAPHOLITA SELENANA.

selenana, *Zl.*—conspectana, *Ld.*

67. GRAPHOLITA CORONILLANA.

coronillana, *Zl.*

68. GRAPHOLITA AUREOLANA.

aureolana, *Tgstr.*

69. GRAPHOLITA EFFUSANA.

effusana, *Ld.*

70. GRAPHOLITA AURANA.

aurana, *F.*—mediana, *W. V.*—aurantiana, *Klr.*

a—j. England. From Mr. Stephens' collection.

k—n. England.

71. GRAPHOLITA CRUCIANA.

cruciana, *L.*—excœcana, *H.-S.*—viminiana, *Gn.*

72. GRAPHOLITA ANGUSTANA.

angustana, *Hb.*—cruciana, *Ztt.*—pullana, *Ev.*

a—n. England. From Mr. Stephens' collection.

o—y. England.

z. Europe. From M. Becker's collection.

73. GRAPHOLITA GIMMERTHALIANA.

Gimmerthaliana, *Zl.*

74. GRAPHOLITA MERCURIANA.

mercuriana, *Hb.*

75. GRAPHOLITA SPURIANA.

spuriana, *H.-S.*

76. GRAPHOLITA ABIEGANA.

abiegana, *Dp.*

77. GRAPHOLITA PYGMÆANA.

pygmæana, *Hb.*—antennana, *Froel.*—subsequana, *Hw.*

78. GRAPHOLITA NANANA.

nanana, *Tr.*—tenebrosana, *Dgl.*

a—f. England. From Mr. Stephens' collection.

g, h. England. From Mr. Foxcroft's collection.

i—k. England. From Mr. Bouchard's collection.

l. Ireland. From Mr. Bouchard's collection.

m—r. England.

79. GRAPHOLITA USTOMACULANA.

ustomaculana, *Ct.*—dorsivittana, *Zl.*

a—e. England. From Mr. Stephens' collection.

f. England. From Mr. Bouchard's collection.

g—i. England.

80. GRAPHOLITA DISTINCTANA.

distinctana, *Btl.*—piceana, *Wtw.*

81. GRAPHOLITA HYRCINIANA.

hyrciniana, *Uslar*—comitana, *St.*

82. GRAPHOLITA BOUCHARDANA.

Bouchardana, *Dbl.*

83. GRAPHOLITA RUFIMITRANA.

rufimitrana, *H.-S.*

84. GRAPHOLITA RATZEBURGIANA.

Ratzeburgiana, *Zl.*—tenerana, *Dp.*—pinetana, *Hp.* and *Wtw.*—
errana, *Gn.*—abietisana, *Frr.*

85. GRAPHOLITA HAWKERANA.

Hawkerana, *Sta.*

a—d. England. From Mr. Bouchard's collection.

e, f. England. Presented by F. Bond, Esq.

g. England. Presented by S. Stevens, Esq.

h, i. England. From Mr. Stevens' collection.

86. GRAPHOLITA PINICOLANA.

pinicolana, *Zl.*—occultana, *Dgl.*

a—e. England. From Mr. Stephens' collection.

f. Scotland. From Mr. Foxcroft's collection.

87. GRAPHOLITA SIGNATANA.

signatana, *Dgl.*—padana, *Zl.*

a, b. England. From Mr. Stephens' collection.

c, d. England. From Mr. Bouchard's collection.

88. GRAPHOLITA OPPRESSANA.

oppressana, *Tr.*

a. Europe. From M. Becker's collection.

89. GRAPHOLITA PAUPERCULANA.

pauperculana, *Std.*

90. GRAPHOLITA CORTICANA.

corticana, *Hb.*—adustana, *Hb.*—communana, *St.*

a—ee. England. From Mr. Stephens' collection.

ff—ii. England. From Mr. Chant's collection.

jj—vv. England.

91. GRAPHOLITA PROFUNDANA.

profundana, *W. V.*—nebulana, *Dn.*—porphyrana, *Hb.*—Wellensiana, *Hb.*—æthiopana, *Hw.*—asseclana, *Hw.*—sylvana, *Hw.*—Alphonsiana, *Dp.*—nubilana, *Dp.*

a—n. England. From Mr. Stephens' collection.

o, p. England. From Mr. Bouchard's collection.

q—t. England.

v, u. Europe. From M. Becker's collection.

92. GRAPHOLITA ALTHEANA.

altheana, *Mn.*

93. GRAPHOLITA RAMELLA.

ramella, *L.*—Paykulliana, *F.*—sesquilunana, *Hw.*—triquetrana, *Hb.*—fimbriana, *St.*—costana, *Dp.*—ramana, *H.-S.*

- a—n.* England. From Mr. Stephens' collection.
o, p. England. From Mr. Stevens' collection.
q, r. England. From Mr. Bouchard's collection.
s—x. England.
y. Europe. From M. Becker's collection.

94. *GRAPHOLITA RECONDITANA.*

reconditana, *H.-S.*

- a, b.* Europe. From M. Becker's collection.

95. *GRAPHOLITA SIMPLANA.*

simplana, *F. R.*—*ambiguana*, *Dp.*

- a—e.* England. From Mr. Bouchard's collection.

96. *GRAPHOLITA ACERIANA.*

aceriana, *Dp.*—*sociana*, *a.*, *Hw.*

- a—o.* England. From Mr. Stephens' collection.
p, q. England. From Mr. Bouchard's collection.
r. England. From Mr. Chant's collection.
s—aa. England.
bb. Germany. From M. Heminghoffen's collection.

97. *GRAPHOLITA NEGLECTANA.*

neglectana, *Dp.*—*sociana*, β ., *Hw.*—*dealbana*, var., *Gn.*

- a—c.* England. From Mr. Stephens' collection.
d. England. From Mr. Foxcroft's collection.
e—h. England. From Mr. Bouchard's collection.
i. England.

98. *GRAPHOLITA ALNETANA.*

alnetana, *Gn.*

- a—d.* England. From Mr. Stephens' collection.

99. *GRAPHOLITA INCARNANA.*

incarnana, *Hw.*—*dealbana*, *Froel.*—*minorana*, *Tr.*—*sociana*, *St.*—*Paykulliana*, *Wd.*

- a—n.* England. From Mr. Stephens' collection.
o—r. England. From Mr. Stevens' collection.
s—u. England.

100. GRAPHOLITA PAUPERANA.

pauperana, *Dp.*—Paykulliana? *Hw.*

a. England. From Mr. Stephens' collection.

b, c. England. From Mr. Stevens' collection.

d. England. From Mr. Bouchard's collection.

101. GRAPHOLITA TRIMACULANA.

trimaculana, *Dn.*—Mitterbachiana, *Hw.*—lithoxylana, *Dp.*—ulmariana, *Zl.*

a—o. England. From Mr. Stephens' collection.

p—s. England. Presented by E. Shepherd, Esq.

t—z. England.

aa, bb. Europe. From M. Becker's collection.

102. GRAPHOLITA MINUTANA.

minutana, *Hb.*—achatana, *Froel.*—pædiscana, *Std.*

a, b. England. From Mr. Stephens' collection.

c. England. From Mr. Bouchard's collection.

d, e. Europe. From M. Becker's collection.

f, g. Germany. From M. Heminghoffen's collection.

103. GRAPHOLITA SPARULANA.

sparulana, *Std.*

104. GRAPHOLITA OBTUSANA.

obtusana, *Hw.*—derasana, *Dp.*—distortana, *Gn.*—consebrinana, *Ct.*
—segmentana, *H.-S.*

a—e. England. From Mr. Stephens' collection.

f—l. England. From Mr. Bouchard's collection.

m. Scotland. From Mr. Dove's collection.

n, o. England.

105. GRAPHOLITA MITTERBACHERIANA.

Mitterbacheriana, *W. V.*—Mitterbachiana, *F.*—retusana, *Hw.*—
Penkleriana, *Tr.*—subuncana, *Hw.*

a—k. England. From Mr. Stephens' collection.

l—q. England. From Mr. Bouchard's collection.

r—v. England. From Mr. Stevens' collection.

u—z. England.

aa—cc. Europe. From M. Becker's collection.

106. *GRAPHOLITA HARPANA.*

harpana, *Hb.*—*lætana*, *F.*—*ramana*, *Froel.*

107. *GRAPHOLITA UPUPANA.*

upupana, *Tr.*—*ustulana*, *Tr.*

a. England. Presented by W. W. Walcott, Esq.

b, c. England. From Mr. Bouchard's collection.

108. *GRAPHOLITA NIGROMACULANA.*

nigromaculana, *Hw.*—*Freyeriana*, *F. R.*—*albana*, *Hw.*

a—l. England. From Mr. Stephens' collection.

m. England. From Mr. Chant's collection.

n—p. England. From Mr. Bouchard's collection.

q. England. Presented by F. Bond, Esq.

r—t. England.

109. *GRAPHOLITA ACHATANA.*

achatana, *W. V.*—*marmorana*, *Hb.*—*similiana*, *Ct.*

a—h. England. From Mr. Stephens' collection.

i, j. England. Presented by B. Piffard, Esq.

k—n. England.

110. *GRAPHOLITA VACCINIANA.*

vacciniana, *Zl.*—*myrtillana*, *Hp.* and *Wtw.*

a—d. England. From Mr. Stephens' collection.

111. *GRAPHOLITA NITIDULANA.*

nitidulana, *Zl.*

112. *GRAPHOLITA COLLICOLANA.*

collicolana, *Hnmn.*

113. *GRAPHOLITA ERICETANA.*

ericetana, *H.-S.*—*flexulana*, *Dp.*

114. GRAPHOLITA QUADRANA.

quadrana, *Hb.*

a, b. England. From Mr. Stephens' collection.

c, d. England. Presented by W. W. Walcott, Esq.

e—h. Europe. From M. Becker's collection.

115. GRAPHOLITA LANCEOLANA.

lanceolana, Hb.—dibeliana, Hb.—egenana, Hw.—pauperana, Hw.—egestana, Hw.—plagana, Hw.—lanceana, Froel.—signana, H.-S.

a—i. England. From Mr. Stephens' collection.}

j, k. Scotland. From Mr. Foxcroft's collection.

l. England. Presented by S. Stevens, Esq.

m—o. England. From Mr. Bouchard's collection.

p—r. Ireland. From Mr. Bouchard's collection.

s—x. England.

y, z. Europe. From M. Becker's collection.

116. GRAPHOLITA ANTIQUANA.

antiquana, Hb.—quadrimaculana, Hw.

a—f. England. From Mr. Stephens' collection.

g—q. England. From Mr. King's collection.

r. England. Presented by B. Piffard, Esq.

117. GRAPHOLITA TRIFOLIANA.

trifoliana, H.-S.—ericetana, Btlly.—bistrigana? St.

a—e. England. From Mr. Stephens' collection.

f. England.

118. GRAPHOLITA NIGROVITTANA.

nigrovittana, Stp.

a—g. England. From Mr. Stephens' collection.

h. England. From Mr. Bouchard's collection.

i, j. Ireland. From Mr. Bouchard's collection.

k. Guernsey. Presented by Dr. Lukis.

119. GRAPHOLITA VENOSANA.

venosana, Zl.

120. GRAPHOLITA LAMANA.

lamana, *Zl.*—pauperana, *H.-S.*—scirpana, *H.-S.*

121. GRAPHOLITA GRANITANA.

granitana, *H.-S.*

122. GRAPHOLITA SAREPTANA.

sareptana, *H.-S.*

123. GRAPHOLITA HUNGARICANA.

hungaricana, *H.-S.*

124. GRAPHOLITA FRACTIFASCIANA.

fractifasciana, *Hw.*—vepretana, *Froel.*—cuphana, *Dp.*—Quequetana, *Dale.*—caricana, *Gn.*

a. England. From Mr. Stephens' collection.

125. GRAPHOLITA CUPHULANA.

cuphulana, *H.-S.*

126. GRAPHOLITA COMPTANA.

comptana, *Froel.*

a, b. Europe. From M. Becker's collection.

127. GRAPHOLITA LUNOSANA.

lunosana, *Wck.*—selenana, *Gn.*

128. GRAPHOLITA UNGUICELLA.

unguicella, *L.*—unguicana, *F.*—falcana, *Hb.*—fractifasciana, *St.*
—ericeana, *Dp.*

a—h. England. From Mr. Stephens' collection.

i—m. England. From Mr. Bouchard's collection.

n—r. England.

s, t. Europe. From M. Becker's collection.

129. GRAPHOLITA UNCELLA.

uncella, *W. V.*—uncana, *Hb.*—geminana, *Dn.*

- a—e.* England. From Mr. Stephens' collection.
f, g. England. From Mr. Bouchard's collection.
h. England.

130. GRAPHOLITA BIARCUANA.

biarcuana, *St.*—*cuspidana*, *St.*—*crenana*, *Dp.*—*fluctigerana*, *H.-S.*
 —*Var. subarcuana*, *Dgl.*

- a—j.* England. From Mr. Stephens' collection.
k—m. England. From Mr. Bouchard's collection.
n. England. Presented by S. Stevens, Esq.
o—q. England. Presented by W. W. Walcott, Esq.
r. England. From Mr. Turner's collection.
s. England.

131. GRAPHOLITA DIMINUTANA.

diminutana, *Hw.*—*cuspidana*, *Tr.*—*Var. inornatana*, *H.-S.*

- a—d.* England. From Mr. Stephens' collection.
e—j. England. From Mr. Bouchard's collection.
k, l. England. From Mr. Turner's collection.
m, n. England.
o. Europe. From M. Becker's collection.

132. GRAPHOLITA CURVANA.

curvana, *H.-S.*

133. GRAPHOLITA TINEANA.

tineana, *Hb.*

134. GRAPHOLITA APICELLA.

apicella, *W. V.*—*siculana*, *Hb.*

- a—k.* England. From Mr. Stephens' collection.
l, m. England.
n, o. Europe. From M. Becker's collection.

135. GRAPHOLITA MYRTILLANA.

myrtillana, *Tr.*—*Lyellana*, *Ct.*—*derasana*, *St.*—*badiana*, *Ztt.*

- a—h.* England. From Mr. Stephens' collection.
i. England. From Mr. Chant's collection.

- j.* England.
k, l. Europe. From M. Becker's collection.
m. Germany. From M. Heminghoffen's collection.

136. *GRAPHOLITA BADIANA.*

- badiana*, *W. V.*—*lundana*, *F.*—*corylana*, *Hb.*
a—h. England. From Mr. Stephens' collection.
i, j. England. From Mr. Chant's collection.
k. England. From Mr. Foxcroft's collection.
l—s. England. From Mr. Bouchard's collection.
t—x. England.
y, z. Europe. From M. Becker's collection.
aa, bb. Germany. From M. Heminghoffen's collection.

137. *GRAPHOLITA DERASANA.*

- derasana*, *Hb.*—*unculana*, *Hw.*
a—g. England. From Mr. Stephens' collection.
h, i. England. From Mr. Foxcroft's collection.
j—m. England. From Mr. Bouchard's collection.
n—r. England.
s, t. Europe. From M. Becker's collection.
v. Germany. From M. Heminghoffen's collection.

Genus 35. *RHOPOBOTA.*

Rhopobota, *Ld.*—*Steganoptycha*, *St.*

1. *RHOPOBOTA NÆVANA.*

- nævana*, *Hb.*—*unipunctana*, *Hw.*
a—k. England. From Mr. Stephens' collection.
l, m. England. From Mr. Chant's collection.
n. England. From Mr. Bouchard's collection.
o—t. England.
v, u. Europe. From M. Becker's collection.

Genus 36. *CROCIDOSOMA.*

Crocidosoma, *Ld.*

1. CROCIDOSOMA PLEBEIANA.

plebeiana, *Zl.*

Genus 37. TMETOCERA.

Tmetocera, *Ld.*

1. TMETOCERA OCELLANA.

ocellana, *W. V.*—luscana, *F.*—comitana, *Hb.*

a—o. England. From Mr. Stephens' collection.

p. England. From Mr. King's collection.

q, r. England. From Mr. Stevens' collection.

s—v. England.

w. Europe. From M. Becker's collection.

Genus 38. CARPOCAPSA.

Carpocapsa, *Tr.*—*Pamplusia*, *Gn.*—*Ermamonia*, *Cydia*, *Hemimene*, *Hb.*

1. CARPOCAPSA POMONELLA.

pomonella, *Zl.*—pomonana, *W. V.*—pomana, *F.*—Var. putaminana, *Std.*

a—j. England. From Mr. Stephens' collection.

k, l. England. From Mr. Foxcroft's collection.

m—o. England.

p, q. Europe. From M. Becker's collection.

2. CARPOCAPSA GROSSANA.

grossana, *Hw.*—fagiglandana, *Zl.*

a—d. England. From Mr. Stephens' collection.

e, f. England. From Mr. Stevens' collection.

3. CARPOCAPSA SPLENDANA.

splendana, *Hb.*

a—e. England. From Mr. Stephens' collection.

f—k. England.

l. Europe. From M. Becker's collection.

m. Germany. From M. Heminghoffen's collection.

4. CARPOCAPSA AMPLANA.

amplana, *Hb.*

Genus 39. DICHRORAMPHA.

Dichrorampha, *Gn.*

1. DICHRORAMPHA SEQUANA.

sequana, *Hb.*

a—d. England. From Mr. Stephens' collection.

e. England. From Mr. Chant's collection.

f—j. England. From Mr. Meek's collection.

k. England. From Mr. Foxcroft's collection.

l—n. England.

2. DICHRORAMPHA GEMELLANA.

gemellana, *Zl.*

3. DICHRORAMPHA PETIVERELLA.

Petiverella, *L.*—*montana*, *Hb.*—*Petiverana*, *Froel.*—*stelliferana*,
Ct.—*sequana*, *Wd.*

a—q. England. From Mr. Stephens' collection.

r—v. England. From Mr. Chant's collection.

u. England. From Mr. Bouchard's collection.

w—aa. England.

bb, cc. Europe. From M. Becker's collection.

dd, ee. Germany. From M. Heminghoffen's collection.

4. DICHRORAMPHA ALPINANA.

alpinana, *Tr.*—*strigana*, *Hw.*—*Jacquinicana*, *Hw.*—*politana*, *Gn.*

a—f. England. From Mr. Stephens' collection.

g. England. From Mr. Bouchard's collection.

5. DICHRORAMPHA SIMPLICIANA.

simpliciana, *Hw.*—*caliginosana*, *Tr.*—*atropurpurana*, *Wd.*—*artemesiana*, *Btl.*—*obscurana*, *Hp.* and *Wtw.*

a—f. England. From Mr. Stephens' collection.

g. England. From Mr. Bouchard's collection.

h, i. England.

6. DICHRORAMPHA SUBSEQUANA.

subsequana, *Hw.*—*monticolana*, *Dp.*—*montanana*, *Dp.*—*alpestrana*,
H.-S.

- a—f.* England. From Mr. Stephens' collection.
g. England. From Mr. Foxcroft's collection.
h—m. England. From Mr. Bouchard's collection.

7. *DICHRORAMPHA ALTICOLANA.*

alticolana, *St.*

- a.* England. From Mr. Stephens' collection.

8. *DICHRORAMPHA PLUMBAGANA.*

plumbagana, *Tr.*—*salicetana*, *Prtw.*—*strebilana*, *Dp.*

- a.* England. Presented by B. Piffard, Esq.

9. *DICHRORAMPHA CINEROSANA.*

cinerosana, *H.-S.*

10. *DICHRORAMPHA BUGNIONANA.*

Bugnionana, *Dp.*

11. *DICHRORAMPHA GRUNERIANA.*

Gruneriana, *H.-S.*

12. *DICHRORAMPHA AGILANA.*

agilana, *Tgstr.*—*consortana*, *St.*

- a.* England. From Mr. Stephens' collection.
b—j. England. Presented by F. Bond, Esq.
k. Ireland. From Mr. Bouchard's collection.

13. *DICHRORAMPHA TANACETI.*

tanaceti, *Sta.*

14. *DICHRORAMPHA PLUMBANA.*

plumbana, *Sc.*—*Zachana*, *Tr.*—*ulicana*, *Gn.*—*blepharana*, *H.-S.*

- a—e.* England. From Mr. Stephens' collection.
f—h. England. From Mr. Chant's collection.
i—l. England.
m—p. Europe. From M. Becker's collection.

15. *DICHRORAMPHA SATURNANA*.*Saturnana*, *Gn.*

a—d. England. From Mr. Stephens' collection.
e—i. England. From Mr. Bouchard's collection.

16. *DICHRORAMPHA SENECTANA*.*senectana*, *Gn.*

a—c. England. From Mr. Stephens' collection.
d—f. Ireland. From Mr. Bouchard's collection.
g—i. England.

17. *DICHRORAMPHA CACALEANA*.*cacaleana*, *H.-S.*18. *DICHRORAMPHA IMMUNDANA*.*immundana*, *Ev.*Genus 40. *COPTOLOMA*.*Coptoloma*, *Ld.*1. *COPTOLOMA JANTHINANA*.*Janthinana*, *Dp.*—*lediana*, *Hw.*—*incisana*, *H.-S.*

a—f. England. From Mr. Stephens' collection.
g. England. From Mr. Stevens' collection.
h. England. From Mr. Bouchard's collection.
i, j. England.

Genus 41. *HEMEROSIA*.

Pammene, *Hb.*—*Hemerusia*, *Semasia*, *St.*—*Ephippiphora*, *Dp.*—
Endopsia, *Pyrodes*, *Gn.*—*Phtoroblastis*, *Ld.*

1. *HEMEROSIA FIMBRIANA*.*fimbriana*, *Hw.*2. *HEMEROSIA ARGYRANA*.

argyrana, *Hb.*—*atromargana*, *Hw.*—*melaleucana*, *Froel.*—*lathy-*
rana, *Dp.*—*strobilella*, *St.*

a—t. England. From Mr. Stephens' collection.
v. England. From Mr. Stevens' collection.
u. England. From Mr. Bouchard's collection.
w—ee. England.

3. HEMEROSIA PLUMBATANA.

plumbatana, *Zl.*

4. HEMEROSIA SALVANA.

salvana, *Std.*

5. HEMEROSIA JULIANA.

juliana, *Ct.*—nimbana, *H.-S.*

a—q. England. From Mr. Stephens' collection.

r, s. England. Presented by H. Longley, Esq.

t. England. Presented by E. Shepherd, Esq.

6. HEMEROSIA COSTIPUNCTANA.

costipunctana, *Hw.*—gallicolana, *Zl.*

a. England. From Mr. Stephens' collection.

7. HEMEROSIA SUSPECTANA.

suspectana, *Zl.*

8. HEMEROSIA ACUMINATANA.

acuminatana, *Zl.*—Germarana, *Tr.*—germana, *Dp.*—caliginosana, *Dp.*

a—f. England. From Mr. Stephens' collection.

g. Scotland. Presented by A. White, Esq.

h—l. England. From Mr. Bouchard's collection.

m. Ireland. From Mr. Bouchard's collection.

n. England.

o, p. Europe. From M. Becker's collection.

9. HEMEROSIA HEEGERIANA.

Heegeriana, *Dp.*

a—? England. From Mr. Bouchard's collection.

10. HEMEROSIA REGIANA.

regiana, *Zl.*—trauniana, *Hw.*—honorana, *H.-S.*

a—o. England. From Mr. Stephens' collection.

p—s. England. From Mr. Foxcroft's collection.

t, v. England. Presented by B. Piffard, Esq.
u—y. England.

11. HEMEROSIA TRAUNIANA.

trauniana, *W. V.*—*floricolana*, *Froel.*—*conjugana*, *Zl.*
a—g. England. From Mr. Stephens' collection.
h, i. England. From Mr. Stevens' collection.
j—o. England. From Mr. Bouchard's collection.
p, q. England.

12. HEMEROSIA CYTISANA.

cytisana, *Zl.*

13. HEMEROSIA MOTACILLANA.

motacillana, *Zl.*

14. HEMEROSIA POPULANA.

populana, *F.*—*ephippana*, *Hb.*—*sticticana*, *Froel.*
a—c. England. From Mr. Stephens' collection.
d. England. From Mr. Bouchard's collection.
e. England.
f, g. Europe. From Mr. Becker's collection.

15. HEMEROSIA INSULANA.

insulana, *Gn.*

16. HEMEROSIA SPINIANA.

spiniana, *Dp.*—*trigonana*, *St.*—*ephippana*, *St.*
a—f. England. From Mr. Stephens' collection.
g—o. England. From Mr. Bouchard's collection.
p—v. England.

17. HEMEROSIA ALBUGINANA.

albuginana, *Gn.*—*argyrana*, *Dp.*

18. HEMEROSIA STRAGULANA.

stragulana, *Tgstr.*

19. HEMEROSIA OVULANA.

ovulana, *Tgstr.*

20. HEMEROSIA PUNCTICOSTANA.

puncticostana, *St.*—immaculana, *Gn.*

a—c. England. From Mr. Stephens' collection.

d—f. England.

21. HEMEROSIA VIGELIANA.

vigeliana, *H.-S.*—flexana, *Zl.*

22. HEMEROSIA GERMMANA.

germmana, *Hb.*—Germarana, *Hb.*—atropurpurana, *Hw.*—proximana, *St.*—fulvifrontana, *Zl.*—germana, *H.-S.*

23. HEMEROSIA OCHSENHEIMERIANA.

Ochsenheimeriana, *Zl.*—loxiana, *H.-S.*

24. HEMEROSIA BLOCKIANA.

Blockiana, *H.-S.*

25. HEMEROSIA RHEDIELLA.

rhediella, *L.*—Daldorfiana, *F.*—dimidiana, *Dn.*—aurana, *Hb.*—rhediana, *Tr.*

a—k. England. From Mr. Stephens' collection.

l—o. England. From Mr. Stevens' collection.

p, q. England. From Mr. Bouchard's collection.

r—w. England.

26. HEMEROSIA CHRISTOPHANA.

christophana, *Msc̄lr.*

THE HERBERTS SPECIMENS

Specimens, 21—Imperial, Gr.

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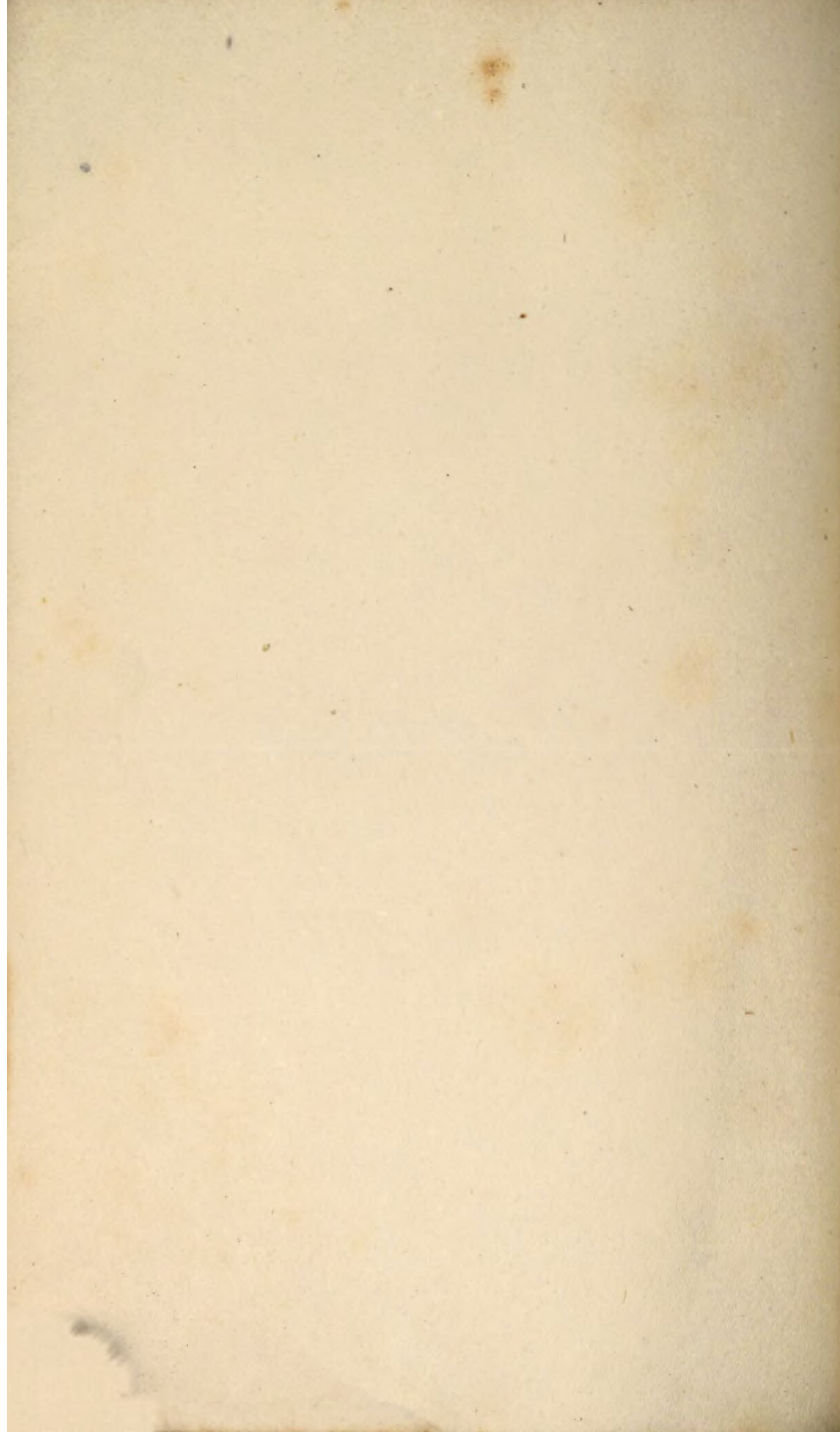
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Specimens, 21—Imperial, Gr.



Walker, Francis,

List of the specimens of Lepidopterous Insects in the Collection of the
British Museum

Bd.: XXVII

London 1863

Zool. 543 br-27

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